APPENDIX G
ASBESTOS SURVEYS AND ABATEMENT ACTIVITIES
ASBESTOS ABATEMENT REPORT

City of Austin Work Request Numbers: 21378 (ABIA #21023), Job Number 91

ABIA South Campus Military Hangars
3600 Presidential
Austin, Texas 78719

Fercam Group Project No. 2007061 D1

Prepared For:

The City of Austin
Asbestos, Lead Paint, and Mold Management Group
Building Services Department
411 Chicon Street
Austin, Texas 78702

Prepared By:

Fercam Group

January 14, 2022
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SECTION 1

Report Summary
January 14, 2022

Odeyda Reyes / Omar Almouslli
City of Austin
Building Services Department
Asbestos, Lead and Mold Management Group (ALMMG)
411 Chicon Road
Austin, Texas 78702

Re: Asbestos Abatement Report
ABIA South Campus Military Hangars
3600 Presidential
Austin, Texas 78719

City of Austin Request No.: REQUEST NO.
Fercam Group Project Number: PROJECT NO.

From August 16, 2021 through November 19, 2021, an asbestos abatement project was conducted as requested by the City of Austin (Section 2 contains a copy of the Request for Consultant’s Proposal and Authorization to Proceed). The on-site asbestos air monitoring and project management services were conducted by Mr. Fernando Yepez, and Mr. Ladi Sodipe, both Texas Department of State Health Services (TDSHS) licensed Project Manager/Air Monitoring Technicians of Fercam Group (Fercam). The abatement activities were conducted in general accordance with the TDSHS Texas Asbestos Health Protection Rules (TAHPR) and in accordance with the Abatement Specifications prepared by Fercam.

The ABIA South Campus Military Hangars is located at 3600 Presidential in Austin, Texas. The asbestos abatement project involved the removal and disposal of an exterior exit door along with caulking. The Scope of Work provided by Fercam is included in Section 3.

The asbestos abatement was conducted within contained work areas. The Abatement Contractor, AAR Incorporated, conducted the abatement of the above referenced areas in an orderly fashion and the final work product met project requirements. Copies of Fercam’s Daily Observation Logs are included in Section 4. Daily Air Sampling Logs are included in Section 5 – Table 1.

Following removal of the asbestos-containing material, Final Clearance Samples were collected. The asbestos analysis results met the specified project release criteria. The final clearance air sampling results are included in Section 6 – Table 2. Laboratory and analytical reports for the air sampling conducted are included in Section 7. Photographic
documentation of the field activities is included in Section 8. Copies of the Consultant and Laboratory licenses and certifications are included in Section 9.

The waste stream resulting from asbestos abatement activities was transported to McCarty Road Landfill (TCEQ Permit No. 261A) by AAR Incorporated (DSHS License No. 400032). A copy of the Waste Manifest is included in Section 4 with the Daily Field Logs and again in Section 10 with the Contractor Closeout documents.

All Project Documentation received from AAR Incorporated prior to the start of work, at the site, and following completion of the work are included in Section 10. During the on-site portion of the project, all paperwork required by Occupational Safety and Health Administration (OSHA) and TDSHS regulations was available and posted where necessary. During the course of the project, a TDSHS compliance inspector did not visit the project site.

We appreciate the opportunity to serve as your consultant on this project and look forward to the next opportunity to offer our services to the City of Austin’s Asbestos, Lead Paint, and Mold Management Group.

Sincerely,

Fernando Yépez
TDSHS Asbestos License No.: 2070286

/dfc
SECTION 2

Request for Proposal

and

Notice to Proceed
CITY OF AUSTIN
REQUEST FOR CONSULTANT'S PROPOSAL (RFP)

2017 ASBESTOS, LEAD PAINT, AND MOLD CONSULTANT SERVICES ROTATION LIST

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<tr>
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<td>Humble, TX 77338</td>
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<tr>
<td>ATTN:</td>
<td>Fernando Yepez 713-542-5654</td>
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| DATE: | 7/30/2021 |
| FROM: | LINDA ARRECONDO / OMAR ALMOUSLLI |
|       | ASBESTOS/LEAD PAINT, AND MOLD MANAGEMENT GROUP |
|       | Building Services Department |
|       | 411 Chicon Street |
|       | AUSTIN, TEXAS 78702 |
| REQUEST NO: | 21378 (ABIA WR 21023) |

| NAME OF PROJECT: | South Campus Abatement Oversite |
| STREET ADDRESS: | South Campus |
| AREA OF BUILDING: | 15 different building |

REQUESTED SERVICES:

PLEASE PREPARE A PROPOSAL FOR THE FOLLOWING INDICATED SERVICES IN ACCORDANCE WITH YOUR STANDING CONTRACT WITH THE CITY OF AUSTIN:

- [ ] LIMITED ASBESTOS INSPECTION OF INDICATED AREA
- [ ] COMPLETE ASBESTOS INSPECTION OF INDICATED AREA
- [ ] LIMITED LEAD-IN-PAINT INSPECTION OF INDICATED AREA
- [ ] COMPLETE LEAD-IN-PAINT INSPECTION OF INDICATED AREA
- [ ] PREPARATION OF SEPCS FOR ABATEMENT OR REMEDIATION
- [ ] AIR MONITORING/OVERSIGHT DURING STRUCTURE DEMOLITION
- [ ] MOLD INSPECTION OF INDICATED AREA
- [ ] AIR MONITORING/OVERSIGHT DURING LEAD PAINT REMEDIATION
- [ ] TCLP 8 RCRA METALS WASTE CHARACTERIZATION SAMPLING
- [ ] OTHER: Oversite of Asbestos Abatement

REPORTING REQUIREMENT:

- VERBAL REPORT OF SAMPLE RESULTS WITHIN 48 HOURS OF SAMPLE COLLECTION
- VERBAL ASBESTOS SAMPLE RESULTS BY PCM AT THE END OF THE SAME WORKING DAY
- FULL ASBESTOS AND/OR LEAD-IN-PAINT INSPECTION REPORT WITHIN 20 WORKING DAYS
- ASBESTOS ABATEMENT, LEAD REMEDIATION, AND/OR DEMOLITION REPORT WITHIN 10 WORKING DAYS OF RECEIVING CLOSE-OUT DOCUMENTS FROM THE ABATEMENT CONTRACTOR
- OTHER: Abatement report

CITY OF AUSTIN CONTACT PERSON FOR OBTAINING ACCESS TO THE AREAS TO BE INSPECTED IS:

NAME: Linda Arredondo

TELEPHONE No: 512-539-2466

OTHER INSTRUCTIONS / INFORMATION:

- [ ] USE ATTACHED FACILITY/BUILDING DRAWINGS/FLOOR PLANS FOR INSPECTION PROJECTS (dra)
- [ ] USE ATTACHED FACILITY PHOTOS
- [ ] OTHER: Drawings already provided

BY:

OMAR ALMOUSLLI, PROJECT MANAGER

ODEYDA REYES ENVIRONMENTAL SCIENTIST SR

FORM RFP: FEBRUARY 2018
TO: Fercam
303 E Main St
Humble, Texas

ATTN: Fernando Yepes 713-542-5854

☐ THIS IS CONFIRMATION OF A VERBAL AUTHORIZATION TO PROCEED

DATE: 8/19/2021
FROM: ASBESTOS/LEAD PAINT, AND MOLD MANAGEMENT GROUP
Building Services Department
411 Chicon Street
AUSTIN, TEXAS 78702

ASSIGNMENT NO.: 81
REQUEST NUMBERS: 21378 (ABIA #210323)

NAME OF PROJECT: South Campus Military Hanger Abatement Ovraite

STREET ADDRESS: 3000 Presidential

AREA OF BUILDING: 15 buildings

PROCEED WITH THE WORK DESCRIBED IN YOUR RFP DATED 8/3/2021 AND YOUR STANDING CONTRACT WITH THE CITY OF AUSTIN

FEES WILL BE BASED ON A UNIT COST BASIS WITH A COST NOT TO EXCEED $79,757.83

THIS NTP COVERS THE FOLLOWING SERVICES

☐ FULL LEAD-IN-PAINT OR Asbestos Inspection (See Description in the RFP)
☒ AIR MONITORING AND OVERSIGHT DURING ASBESTOS ABATEMENT AND/OR LEAD-IN-PAINT REMEDIATION (See Description in the RFP)
☐ AIR MONITORING AND OVERSIGHT DURING STRUCTURE DEMOLITION (See Description in the RFP)
☐ AIR MONITORING AND OVERSIGHT DURING MOLD REMEDIATION (See Description in the RFP)
☐ PREPARATION OF SPECIFICATIONS FOR MOLD REMEDIATION (See Description in the RFP)
☒ OTHER: Abatement Report

OTHER INFORMATION PROVIDED BY ALMMG:

☐ COPY OF TEXAS DEPARTMENT OF STATE HEALTH SERVICES - ASBESTOS ABATEMENT NOTIFICATION
☐ COPY OF DEMOLITION COURT ORDER AND CITY OF AUSTIN DEMOLITION PERMIT (FOR CODE COMPLIANCE DEMOLITION PROJECTS)
☐ OTHER:

INSTRUCTIONS AND NOTES:

✓ ALL ASPECTS OF THE PROJECT SHOULD BE COORDINATED WITH THE CITY OF AUSTIN PROJECT MANAGER.
✓ THE ONLY PERSON(S) AUTHORIZED TO CHANGE THE SCOPE OF THE PROJECT ARE THE REPRESENTATIVES OF THE CITY OF AUSTIN ROTATION LIST PROJECT MANAGER.
✓ BEFORE ADDITIONAL WORK MAY BE PERFORMED OR ADDITIONAL COSTS INCURRED BEYOND WHAT IS SPECIFIED IN THIS NTP, THE CONSULTANT AND THE CITY MUST EXECUTE A WRITTEN SUPPLEMENTAL AMENDMENT. THE CITY, "OWNER" IS NOT RESPONSIBLE FOR ACTION BY THE CONSULTANT OR ANY COST INCURRED BY THE CONSULTANT RELATING TO ADDITIONAL WORK PRIOR TO THE EXECUTION OF THE SUPPLEMENTAL AMENDMENT (SEE SECTION 4.2 OF THE CONTRACT)

OVIDELA REYES ENV SCIENTIST 8R DATE

OMAR ALMOUSLLI, PROJECT MANAGER DATE

OVIDELA REYES ENV SCIENTIST 8R DATE

CONTRACT ADMINISTRATION INFORMATION

AGREEMENT PERIOD: FY 2021
AMOUNT $79,757.83

FUND Dept.: Aviation

S.A. NO.: PA18000005

FDD No.: 4910 8167 9425 5588

DO. NO: 21081811317
SECTION 3

Scope of Work

and

DSHS Abatement Notification(s)
Scope of Work

Asbestos Abatement
Asbestos Containing Materials

South Terminal Campus

3600 Presidential Blvd

AUSTIN, TEXAS 78719

City of Austin Aviation Department

2716 Spirit of Texas

Austin, TX 78719

(512) 530-2466

February 22, 2021

[Signature]

Linda A. Arredondo

Licensed Asbestos Consultant

License Number 105323

Expiration Date 11/03/2022

AUS SOW for Abatement of South Campus Hangers
SCOPE OF WORK - ASBESTOS ABATEMENT

South Campus Abatement (Buildings 8135, 8130, 8175, 8180, 8185, 8190, 8195, 8215, & 8200) (Bldg. 8125 Demo in Place)
Austin-Bergstrom International Airport
Austin, Texas 78719

Project/Work Identification

General: Project Name is Asbestos Abatement of Designated South Campus Buildings in preparation for future demolition.

THIS PROJECT IS TO BE CONDUCTED IN ACCORDANCE WITH THE REQUIREMENTS OF TAC 25, SECTION 15, ARTICLE 4477-3A AND 29 CFR 1926.1101.

The location and approximate quantities of asbestos materials provided in these specifications are estimates only and do not include hidden materials not identified. The Contractor is responsible to field verify for actual quantities which these plans and specifications represent. No additional compensation will be made to the Contractor(s) for differences between the estimated quantities and the actual quantities unless prior written approval is obtained from the Owner or his representative.

Summary of Work

The work will consist of asbestos abatement to be conducted in the interior and exterior portions of Buildings 8135, 8130, 8175, 8180, 8185, 8190, 8195, 8215, 8200 which are to be abated prior to demolition operations of these and other buildings on the project site. This contract will include the wet demolition and proper packaging, transport and disposal of the demolition debris resulting from the demolition of 8125 which has been deemed structurally unsound.

I. Materials, Quantities and Locations

The abatement shall consist of the removal of all asbestos-containing materials present in the designated work areas regardless of actual quantities. The Contractor is responsible for reviewing the available documents and confirming the quantities of materials present.

For Building 8125 the Contractor will also be responsible for the wet demolition and proper packaging, transport and disposal of the demolition debris resulting from the demolition of Building 8125. This work will be conducted by trained and licensed abatement personnel utilizing wet methods and appropriate PPE within a regulated work area. The slab of the building will be left, however the Contractor will be responsible for leaving the slab surfaces and adjacent areas in a visually clean condition free of CMU/building materials debris.

All work will be conducted by properly licensed personnel in accordance with applicable Local, State and Federal regulations. The asbestos abatement will consist of the removal and disposal of all quantities of the following materials located within the designated work area.
Building 8135

- **Resilient Floor Tile and Mastic** – The asbestos-containing resilient floor tile mastic materials identified were noted to be in good condition and were assessed as being non-friable. It is estimated that there exists approximately 1850 square feet of these materials in the building. 3% to 5% Chrysotile

- **All Roof Penetration Caulking** – The black/grey roof penetration caulking utilized on the roof penetrations on the building were found to contain 20% Chrysotile asbestos. The asbestos-containing roof penetrating caulk materials identified were noted to be in fair condition and were assessed as being non-friable. It is estimated that there exists approximately 30 square feet of these materials on the roof.

**Totals:**

- Floor Tile: 1850 SQ/FT
- Roof Penetration Caulking: 30 SQ/FT

Building 8175

- **Area M4 – Window Glazing** – The interior black window glazing found on the windows in the Tool Crib, the Parts Cleaning Room and the Men’s Restroom was found to contain 3% Chrysotile asbestos. The material was found to be in poor condition and was assessed as being friable. It is estimated that there is approximately 300 LF of this material in the above listed area.

- **Area M10 – Floor Tile & Mastic** – The interior grey floor tile with black mastic found in the Parts Cleaning Storage Room was found to contain 10% Chrysotile asbestos in the floor tile and 5% Chrysotile asbestos in the mastic/tar. The material was found to be in fair condition and was assessed as being non-friable. It is estimated that there is approximately 100 SF of this material in the above listed area.

- **Area 13 – Floor Tile & Mastic** – The interior light grey floor tile with yellow mastic found in the Utility Room was found to contain 3% Chrysotile asbestos in the floor tile and none in the mastic. The material was found to be in good condition and was assessed as being non-friable. It is estimated that there is approximately 30 SF of this material in the above listed area.

- **Area 16 – Floor Tile & Mastic** – The interior grey floor tile with brown mastic found in the South Office was found to contain 2% Chrysotile asbestos in the floor tile and none in the mastic. The material was found to be in good condition and was assessed as being non-friable. It is estimated that there is approximately 250 SF of this material in the above listed area.
• Area 22 – Boiler Gasket – The interior white oil boiler gasket found in the Mechanical Room was found to contain 90% Chrysotile asbestos via PLM analysis by OMNI and 65% in a quality control sample by Moody Labs. The material was found to be in good condition and was assessed as being friable. It is estimated that there is approximately 20 SF of this material in the above listed area.

• Area 23 – Caulking – The exterior black roof penetration caulking found on the roof was found to contain 5% Chrysotile asbestos. The material was found to be in good condition and was assessed as being non-friable. It is estimated that there is approximately 50 SF of this material in the above listed area.

• Area 24 – Caulking – The exterior black/white roof penetration caulking found on the roof was found to contain 20% Chrysotile asbestos in silver layer and 10% Chrysotile asbestos in gray layer. The material was found to be in good condition and was assessed as being non-friable. It is estimated that there is approximately 50 SF of this material in the above listed area.

• Area 25 – Caulking – The exterior grey roof/siding caulking found where the siding meets the roof was found to contain 5% Chrysotile asbestos. The material was found to be in good condition and was assessed as being non-friable. It is estimated that there is approximately 200 LF of this material in the above listed area.

• Area 30 – Caulking – The exterior black window trim caulking found on the southwest wall was determined to contain 20% Chrysotile asbestos. The material was found to be in good condition and was assessed as being non-friable. It is estimated that there is approximately 100 LF of this material in the above listed area.

• Area 38 – Caulking – The exterior dark grey door frame caulking found on all of the external doors was found to contain 20% Chrysotile asbestos by OMNI and 10% Chrysotile asbestos by Moody Labs. The material was found to be in good condition and was assessed as being non-friable. It is estimated that there is approximately 50 LF of this material in the above listed area.

• Area T2 – Pipe Insulation – The 3" interior yellow pipe insulation with white wrap located in the Parts Cleaning Room, the Parts Cleaning Storage Room, the Men's Restroom, and the Inspection Room was found to contain 3% Chrysotile asbestos in the layer beneath the paint insulation. The material was found to be in good condition and was assessed as being friable. It is estimated that there is approximately 100 LF of this material in the above listed area.

• Area T3 – Pipe Insulation – The 12" interior yellow pipe insulation found in the mechanical room was found to contain 0% Chrysotile asbestos by OMNI; and 2% Chrysotile asbestos by Moody Labs. The material was found to be in good
condition and was assessed as being friable. It is estimated that there is approximately 30 LF, including elbows, of this material in the above listed area.

- **Area T4 – Pipe Insulation** – The 12” interior yellow elbow pipe insulation found in the mechanical room was found to contain 5% Chrysotile asbestos in the mastic found on the insulation material; however there was no asbestos found in the insulation itself. The material was found to be in good condition and was assessed as being friable. It is estimated that there is approximately 30 LF, including straights, of this material in the above listed area.

- **Area T5 – Pipe Insulation** – The 6” interior yellow pipe insulation found in the mechanical room was found to contain 5% Chrysotile asbestos in the mastic found on the insulation material; however there was no asbestos found in the insulation itself. Moody Labs determined that there was 10% Chrysotile asbestos found in the mastic as well and none in the insulation. The material was found to be in good condition and was assessed as being friable. It is estimated that there is approximately 20 LF, including elbows, of this material in the above listed area.

- **Area T6 – Pipe Insulation** – The 6” interior yellow elbow pipe insulation found in the mechanical room was found to contain 5% Chrysotile asbestos in the mastic found on the insulation material; however there was no asbestos found in the insulation itself. The material was found to be in good condition and was assessed as being friable. It is estimated that there is approximately 20 LF, including straights, of this material in the above listed area.

- **Area T7 – Pipe Insulation** – The interior 2” yellow elbow pipe insulation found in the mechanical room was found to contain 5% Chrysotile asbestos in the mastic found on the insulation material; however there was no asbestos found in the insulation itself. Moody Labs determined that there was 2% Chrysotile asbestos found in the mastic as well and none in the insulation. The material was found to be in good condition and was assessed as being friable. It is estimated that there is approximately 40 LF, including straights, of this material in the above listed area.

- **Area T8 – Pipe Insulation** – The interior 2” pipe insulation found in the mechanical room was found to contain 5% Chrysotile asbestos in the mastic on the insulation material; however there was no asbestos found in the insulation itself. The material was found to be in good condition and was assessed as being friable. It is estimated that there is approximately 10 LF, including elbows, of this material in the above listed area.

**Totals:**

- Pipe Insulation: 1125 LF
- Window Glazing: 300 LF
- Floor Tile: 370 SF
- Roof Penetration Caulk: 125 SF
- Window Caulk: 100 LF
Door & Window Frame Caulking: 150 LF
Boiler Room Gasket: 20 SF

Building 8180

- Area 20 – Caulking. - The exterior white roof penetration caulking found in the southwest and southeast roof penetrations was found to contain 10% Chrysotile asbestos. The material was found to be in good condition and was assessed as being non-friable. It is estimated that there is approximately 20 SF of this material in the above listed area.

- Area 25 – Roof Flashing. - The exterior black/grey/brown roof flashing found on the southwest and southeast roofs was found to contain 2% Chrysotile asbestos by OMNI, and 3% by Moody Labs from a quality control sample. The material was found to be in good condition and was assessed as being non-friable. It is estimated that there is approximately 300 SF of this material in the above listed area.

- Area 26 – Caulking. - The exterior grey roof caulking found on the east and west walls of the main hangar was found to contain 20% Chrysotile asbestos. The material was found to be in good condition and was assessed as being non-friable. It is estimated that there is approximately 50 SF of this material in the above listed area.

Area 30 – Window Glazing. - The exterior white window glazing found on all of the doors with windows throughout the facility was found to contain 3% Chrysotile asbestos. The material was found to be in good condition and was assessed as being non-friable. It is estimated that there is approximately 20 SF of this material in the above listed area.

- C001 Mastic. - The interior white pipe mastic located on all the pipes throughout the facility was found to contain 5% Chrysotile asbestos. The material was found to be in good condition and was assessed as being non-friable. It is estimated that there is approximately 200 SF of this material in the above listed area.

- C002 Floor Tile w/ Mastic. - The interior tan resilient floor tile located in Room 16 was found to contain 2% Chrysotile asbestos in the floor tile and 5% Chrysotile asbestos in the Mastic/Tar. The material was found to be in good condition and was assessed as being non-friable. It is estimated that there is approximately 400 SF of this material in the above listed area.

**Totals:**

Roof Flashing & Chalking: 390 SF
Pipe Mastic: 200 SF
Window Glazing: 20 SF
Floor Tile and Mastic: 900 SF
Building 8185

- Area M20 – Vent Caulking – The exterior light grey vent caulking found on the south, east, and west walls was found to contain 2% Chrysotile asbestos. The material was found to be in good condition and was assessed as being non-friable. It is estimated that there is approximately 50 LF of this material in the above listed area.

- Area M22 – Seam Caulking – The exterior grey duct seam caulking found on the exterior A/C unit located in the central southwest area was found to contain 5% Chrysotile asbestos. The material was found to be in good condition and was assessed as being non-friable. It is estimated that there is approximately 20 SF of this material in the above listed area.

- C002 – Floor Tile – The interior green w/ white streaks resilient floor tile located in the Egress Office was found to contain 2% Chrysotile asbestos in the floor tile; and 5% Chrysotile asbestos in the tar/ mastic. The material was found to be in good condition and was assessed as being non-friable. It is estimated that there is approximately 500 SF of this material in the above listed area.

**Totals:**

- Vent & Duct Insulation: 70 SF
- AHU Pipe Insulation: 1000SF
- Floor Tile & Mastic: 500

Building 8130

- Area M5 – Damper – The interior brown A/C duct vibration damper located on the northwest lower duct was found to contain 90% Chrysotile asbestos. The material was found to be in damaged condition and was assessed as being friable. It is estimated that there is approximately 10 SF of this material in the above listed area.

- Area M13 – Caulking – The exterior grey roof patch caulking found on the east and west mechanical shed roof was found to contain 10% Chrysotile asbestos. The material was found to be in fair condition and was assessed as being non-friable. It is estimated that there is approximately 20 SF of this material in the above listed area.

- Area M14 – Caulking – The exterior black/grey steel support penetration caulking found on the north, east, and west exterior walls was found to contain 10% Chrysotile asbestos. The material was found to be in fair condition and was assessed as being non-friable. It is estimated that there is approximately 50 SF of this material in the above listed area.
- Area M15 – Caulking.— The exterior dark grey mezzanine roof to east wall caulking found on the east and west mechanical shed roof was found to contain 10% Chrysotile asbestos. The material was found to be in fair condition and was assessed as being non-friable. It is estimated that there is approximately 20 SF of this material in the above listed area.

- Area M17 – Caulking.— The exterior green/blue wall vent caulking found on the east and west wall vents near the roof peak was found to contain 20% Chrysotile asbestos. The material was found to be in fair condition and was assessed as being non-friable. It is estimated that there is approximately 10 SF of this material in the above listed area.

- Area M20 – Mastic.— The interior black/yellow round found on the northeast and northwest round duct was found to contain 5% Chrysotile asbestos. The material was found to be in fair condition and was assessed as being non-friable. It is estimated that there is approximately 30 SF of this material in the above listed area.

- Area M21 – Cloth Damper.— The interior white cloth vibration damper found on the northeast round duct was found to contain 50% Chrysotile asbestos. The material was found to be in good condition and was assessed as being non-friable. It is estimated that there is approximately 5 SF of this material in the above listed area.

Totals:

Vibration Dampers: 15 SF  
Roof Caulking: 60 SF  
Wall Caulking: 60 SF  
Duct Mastic: 30 SF

Building 8190

- Area M16 – Caulking.— The exterior gray caulk found on the around the door frames and windows frames was found to contain 5% Chrysotile asbestos. The material was found to be in good condition and was assessed as being non-friable. It is estimated that there is approximately 600 LF of this material in the above listed area.

- Area M22 – Roof Flashing.— The exterior black roof flashing found on the roof was found to contain 5% Chrysotile asbestos via the QA/QC PLM analysis performed by Moody Labs. The material was found to be in good condition and was assessed as being non-friable. It is estimated that there is approximately 250 LF of this material in the above listed area.

Linda       3/24/21
            Andrews
Totals:

Caulking door & Window frames: 600 LF
Roof Flashing: 250 LF

Building 8195

- Homogeneous Material 04 (Black Window glazing compound): This material contained 5% Chrysotile. Approximately 150 square feet of material was present.
- Homogeneous Material 09 (Gray Vapor barrier): This material contained 20% Chrysotile. Approximately 600 square feet of material was present.
- Homogeneous Material 12 (Black Roofing Tar): This material contained 10% Chrysotile. Approximately 50 square feet of material was present. At the time of sampling, the material had the potential for future damage and was in a non-friable condition.
- Homogeneous Material 19 (12"x12" Beige Floor Tile with black mastic): This material contained 3%-5% Chrysotile. Approximately 500 square feet of material was present. At the time of sampling, the material had the potential for future damage and was in a non-friable condition.
- Homogeneous Material 21 (Beige HVAC duct mastic): This material contained 5% Chrysotile. Approximately 1,000 square feet of material was present. At the time of sampling, the material had the potential for future damage and was in a non-friable condition.
- Homogeneous Material 23 (Beige Pipe wrap): This material contained 5% Chrysotile. Approximately 30 square feet of material was present. At the time of sampling, the material had the potential for future damage and was in a non-friable condition.
- Homogeneous Material 24 (12"x12" Gray Floor tile with black mastic): This material contained 5% Chrysotile. Approximately 1,200 square feet of material was present. At the time of sampling, the material had the potential for future damage and was in a non-friable condition.
- Homogeneous Material 25 (Beige Smooth Drywall walls with joint compound): This material contained 3% Chrysotile. Approximately 300 square feet of material was present. At the time of sampling, the material had the potential for future damage and was in a non-friable condition.
- Homogeneous Material 29 (12"x12" Blue Floor tile with black mastic): This material contained 2%-5% Chrysotile. Approximately 50 square feet of material was present. At the time of sampling, the material had the potential for future damage and was in a non-friable condition.
- Homogeneous Material 30 (Beige Vinyl sheet): This material contained 3% Chrysotile. Approximately 120 square feet of material was present.
- Homogeneous Material 31 (White Sink undercoating): This material contained 5% Chrysotile. Approximately 8 square feet of material was present. At the time of sampling.
Total:

Various Floor Tiles throughout Building: 17,900 SF
White Under sink Coating: 8 SF
Window Glazing: 150 SF
Gray Vapor Barrier: 600 SF
Beige smooth drywall w/ joint compound: 300 SF
Beige HVAC duct mastic: 1000 SF
Beige pipe Wrap: 30 SF

Building 8200

- Area M5 – Door Caulking – The interior white door caulking found on all of the interior doors was found to contain 5% Chrysotile asbestos. The material was found to be in good condition and was assessed as being non-friable. It is estimated that there is approximately 1,500 LF of this material in the above listed area.

- Area M6 – Door Caulking – The interior white caulking around doors in Rooms 1, 50, and 51 was found to contain 2% Chrysotile asbestos. The material was found to be in good condition and was assessed as being non-friable. It is estimated that there is approximately 70 LF of this material in the above listed area.

- Area M8 – Laminate Flooring – The interior brown single sheet laminate flooring with yellow glue and leveling compound found in Rooms 1 and 2 was found to contain 10% Chrysotile asbestos. The material was found to be in good condition and was assessed as being non-friable. It is estimated that there is approximately 1,020 SF of this material in the above listed area.

- Area M12 – Window Caulking – The interior white window caulking found on the interior windows was found to contain 5% Chrysotile asbestos. The material was found to be in good condition and was assessed as being non-friable. It is estimated that there is approximately 200 LF of this material in the above listed area.

- Area M16 – Floor Tile – The interior black 12” x 12” resilient floor tile with black and yellow mastic found in Room 14 was found to contain 3% Chrysotile asbestos. The material was found to be in good condition and was assessed as being non-friable. It is estimated that there is approximately 250 SF of this material in the above listed area.

- Area 17 – Floor Tile – The interior pink w/ white streaks 12” x 12” resilient floor tile located in Rooms 14, 15, 51, 52, 53, 54, and 55 was found to contain 3% Chrysotile asbestos. The material was found to be in good condition and was assessed as being non-friable. It is estimated that there is approximately 3,100 SF of this
material in the above listed area.

- Area T7 – Pipe Insulation— The interior 4” yellow pipe insulation located in Mechanical Rooms 5 and 32 was found to contain <1% Chrysotile asbestos. The material was found to be in good condition and was assessed as being non-friable. It is estimated that there is approximately 20 LF of this material in the above listed area.

- Area T8 – Pipe Insulation— The interior 2” yellow pipe insulation located in Mechanical Rooms 5 and 32 was found to contain <1% Chrysotile asbestos. The material was found to be in good condition and was assessed as being non-friable. It is estimated that there is approximately 20 LF of this material in the above listed area.

**Total:**

White Caulking: 1900 LF  
Laminate Flooring: 1020 SF  
Floor Tile & Mastic: 3400 SF  
Pipe Insulation: 40 LF  

**Building 8210**

- Area M3 – Floor Tile— The interior light grey resilient floor tile with the grey streaks located in rooms A, B, C, D, and E was found to contain 2% Chrysotile asbestos in the floor tile and 5% Chrysotile asbestos in the Tar/Mastic. The material was found to be in poor condition and was assessed as being non-friable. It is estimated that there is approximately 2400 SF of this material in the above listed area.

- Area M4 – Roof Caulking— The exterior white roof caulking found on the roof was found to contain 20% Chrysotile asbestos. The material was found to be in poor condition and was assessed as being non-friable. It is estimated that there is approximately 200 LF of this material in the above listed area.

- Area M8 – Roof Tar— The exterior black/ tan/ silver roof tar found on the roof was found to contain 20% Chrysotile asbestos in the tar, and 5% Chrysotile asbestos in the tan layer. However, the QA/QC PLM sample analysis revealed 5% Chrysotile asbestos in the tar, and 3% Chrysotile asbestos in the Sealant layer. The material was found to be in poor condition and was assessed as being non-friable. It is estimated that there is approximately 75 SF of this material in the above listed area.

- Area M6 – Window Caulking— The exterior clear window caulking located on the exterior windows was found to contain 16% Chrysotile asbestos in a grey layer of
the caulking. The material was found to be in poor condition and was assessed as being non-friable. It is estimated that there is approximately 130 LF of this material in the above listed area.

**Total:**

- **Floor Tile**: 2400 SF
- **Roof Caulking**: 200 LF
- **Roof Tar**: 75 SF
- **Window Caulking**: 130 LF

**Building 8215**

- **Area M3 – Floor Tile** – The interior resilient floor tile, white w/ light grey streaks and black mastic located in Rooms A and B was found to contain 2% Chrysotile asbestos in the floor tile and 5% Chrysotile asbestos in the mastic/tar. In a QA/QC sample analysis, Moody Labs detected 3% Chrysotile asbestos mastic/tar. The material was found to be in poor condition and was assessed as being non-friable. It is estimated that there is approximately 600 SF of this material in the above listed area.

- **Area M4 – Floor Tile** – The interior resilient floor tile, pink w/ white streaks and yellow mastic located in Rooms C and D was found to contain 2% Chrysotile asbestos in the floor tile. The material was found to be in poor condition and was assessed as being non-friable. It is estimated that there is approximately 525 SF of this material in the above listed area.

**Total:**

- **Floor Tile**: 1125 SF

**Building 8220**

- **Resilient Floor Tile** - The 12" x 12" tan floor tile with black mastic materials (sometimes under carpet) utilized on floors in Room 111; the southwest portion of Room 118; Room 129; Rooms 134, 136, 138, 139, 142, and 144; the northeast Hall areas, southwest Hall area, Room 148A, Room 155, 156, 157, and the south-central Hall; the south-central Police Corridor/ Copy Area, Rooms 167 and 168, and the east half of Room 174 were found to contain 5% Chrysotile asbestos in black mastic. The asbestos-containing resilient floor tile mastic materials identified were noted to be in good condition and were assessed as being non-friable. It is estimated that there exists approximately 3,700 square feet of these materials in the building.

- **Residual Floor Mastic** - The black mastic materials utilized on floor under the carpet in Room 154 were found to contain 5% Chrysotile asbestos in the black mastic. The asbestos-containing mastic materials identified were noted to be in good condition and were assessed as being non-friable. It is estimated that there is approximately 525 SF of this material in the above listed area.
as being non-friable. It is estimated that there exists approximately 300 linear feet of these materials in the building.

- Rolled Sheet Flooring—The cream sheet flooring 12" x 12" square design over tile with black mastic utilized on the floor in Room 160 were found to contain 5% Chrysotile asbestos in black mastic. The asbestos-containing mastic materials identified were noted to be in good condition and were assessed as being non-friable. It is estimated that there exists approximately 100 square feet of these materials in the building.

**Total:**

Floor tile: 4100 SF

**II. Work Practices**

The contractor is required to remove all ACM following the criteria specified in appropriate sections of the Master Specification as a minimum.

Prior to work activities, the building HVAC shall be turned off in the work area and all vents sealed. The contractor is required to perform this work using full negative pressure containments, HEPA vacuums and wet removal methods as specified in the appropriate section of the Master Specifications. At no time shall material be allowed to accumulate on the floor or be allowed to dry. **The exhausts for the negative pressure machines will be ducted out the nearest window or door.** Following a visual inspection by the owner representative and prior to clearance testing the contractor shall encapsulate the interior of the containment and working surface.

Chemical solvents may be allowed for removal of mastics long as 1) the manufacturer's recommendations are strictly adhered to, 2) the flash point of the solvent is greater than 140 degrees Fahrenheit, 3) the workers use appropriate organic filters and PPE, and 4) the solvent does not damage any remaining fixtures. Contractor shall have on site, a functioning eye wash station.

The contractor shall use properly secured spiral-reinforced duct for the HEPA-exhaust. The duct shall be attached to the exhaust ports of the HEPA Filtration units using clamps or fasteners to assure that the duct work stays secured to the exhaust ports.

All asbestos containing materials shall be adequately wetted with amended water or a removal encapsulant prior to and during the removal. The contractor can start the removal process after the Owner's Representative is satisfied that the ACM has been adequately wetted. The Owner's Representative has been given the authority to present the contractor with either a written or verbal **Stop Work Order** if they notice that any ACM is being removed without it being adequately wetted or if they become aware of any deviation from the project specifications or Department of State Health

AUS SOW for Abatement of South Campus Hangers
Austin-Bergstrom International Airport
Airport Expansion Development Program Environmental Assessment
Clearance shall be obtained by TEM method as outlined in the Master Specification. If the work area fails clearance testing, then the contractor shall reclean the entire work area and all additional clearance sampling that is required at no cost to the owner.

All equipment used on this project (i.e. HEPA-vacuums, negative air machines) shall be free of any visible debris and operational defects. The Owner’s Representative along with the contractor’s designated supervisor shall inspect all equipment prior to it being brought into the work area. If any debris found on the equipment is suspected to be ACM, the equipment shall be wet wiped and decontaminated. The decontamination of the equipment shall not take place on the project site.

The contractor shall submit a work plan detailing the work procedures they will employ. This work plan shall be reviewed and approved by the Owner’s Representative prior to any removal work.

The contractor shall adequately staff this project so that it is completed in accordance with the contract documents. If the project is not completed within this time frame, the Owner will back charge the Contractor for any additional charges incurred by the owner to complete this project.

The contractor shall provide all workers working in the vicinity of active electrical sources with appropriate protective equipment including insulating gloves, boots, and non-conductive tools (while HEPA-Vacuuming).

The Contractor shall submit the names and experience of at least 2 properly licensed supervisors to be used to conduct this asbestos abatement project. The Contractor shall not substitute a project supervisor without the prior approval of the owner.

The abatement must comply with these Specifications: the Environmental Protection Agency (EPA), the Occupational Safety and Health Administration (OSHA), State of Texas and local regulations. Whenever there is a conflict or overlap of the above references, the most stringent provisions are applicable.

The Contractor will inform the Owner and Owner’s Representative of any hidden or unidentified conditions which may result in a change order or additional cost to the bid price of the contract.

This notice will require written approval by the Owner’s Representative prior to accomplishing the additional work.

ASBESTOS ABATEMENT

The abatement of all asbestos containing materials shall be performed using negative
pressure containments where glove bags aren’t used, in accordance with the Master Specification.

INSPECTION:

Prior to commencement of work, inspect all areas in which work will be performed. Prepare a listing of damage to structure, surfaces, equipment or of surrounding properties which could be misconstrued as damage resulting from the work. Photograph or video tape existing conditions as necessary to document conditions. Submit to Owner’s Representative prior to starting work.

PLAN OF ACTION:

Submit a detailed plan of the procedures proposed for use in complying with the requirements of this Specification. Include in the plan the location and layout of decontamination areas, the sequencing of asbestos work, the interface of trades involved in the performance of work, methods to be used to assure the safety of building occupants and visitors to the site, disposal plan including location of approved disposal site, and a detailed description of the methods to be employed to control pollution. Expand upon the use of portable HEPA ventilation system, closing out of the area HVAC system, method of removal to prohibit visible emissions in work area, and packaging of removed asbestos debris. The plan must be approved by the Owner’s Representative prior to commencement of work.

POTENTIAL ASBESTOS HAZARD:

The disturbance or dislocation of asbestos containing materials may cause asbestos fibers to be released into the building’s atmosphere, thereby creating a potential health hazard to workers and building occupants. Apprise all workers, supervisory personnel, subcontractors and consultants who will be at the jobsite of the seriousness of the hazard and of proper work procedures which must be followed.

Where in the performance of the work, workers, supervisory personnel, subcontractors, or consultants may encounter, disturb, or otherwise function in the immediate vicinity of any identified asbestos containing materials, take appropriate continuous measures as necessary to protect the building from the contamination with airborne asbestos. Such measures shall include the procedures and methods described herein, and compliance with regulations of applicable federal, state and local agencies.

Removal

The Contractor will perform the removal and disposal in accordance with current Local, State and Federal regulations.
1. **Asbestos-Containing Resilient Floor Tile and Mastic:** Comply with wet removal procedures. Removal shall be accomplished under negative air pressure within a contained area equipped with an integral three-chambered wet decontamination unit. Critical barriers consisting of 6-mil poly will be installed on all building openings. A full containment consisting of walls of two layers of 4-mil poly will be constructed. Inverted prep will not be required; however, negative pressure (minimum of $-0.020$ in$H_2O$) will be maintained in all contained work areas at all times during removal activities. A functioning manometer will be required to show proof of appropriate pressure. Where specified for removal, the floor tile and associated mastic materials will be removed in their entirety and disposed of as ACM.

Any carpet and/or upper layers of floor covering material installed atop asbestos-containing resilient floor tile and/or black floor tile mastic materials will be removed within the contained area and shall be disposed of as ACM.

The floor tile and associated mastic materials will be addressed as follows: Any remaining carpet will be removed and if installed atop residual black mastic shall be disposed of as ACM. Spray asbestos-containing materials with amended water or removal encapsulant. During the removal of the floor tile and mastic materials, continual wetting of the materials will occur. The flooring materials will be removed as intact as possible. Where appropriate and at the discretion of the Consultant, Resilient Floor Covering Institute (RFCI) removal procedures may be utilized for floor tile and mastic removal. For asphaltic based mastics, a low odor emulsifying type mastic remover designed for asbestos abatement purposes may be used. If a mastic remover is utilized, it will have a flash point greater than 140° F. A buffer may be utilized during non-RFCI mastic removal activities. If any flooring materials extend beneath non-load bearing walls, the bottom plate of the walls will be removed to access the flooring materials for removal. All work area teardown materials will be treated as ACM. The removed bottom wall plates will be disposed of as ACM. The waste resulting from the removal operations will be double bagged, labeled and disposed of in accordance with the State and Local Regulations. Following removal operations, the remaining exposed walls/ceilings and/or structural members will be sprayed with a lockdown encapsulant designed for asbestos abatement purposes.

2. **Asbestos-Containing Window/Door Sealant Materials:** Comply with wet removal procedures. Workers shall wear proper protective equipment during removal and decontaminate through a remote wet decontamination unit erected in a central location readily accessible to the workers. Removal of the asbestos-containing window/door sealant materials shall be accomplished within an
exterior regulated work area by manually removing sealant from the window/door frame openings until the substrate (frame and hangar main door) is visually free of residual sealant materials. The exterior regulated work area will consist of asbestos specific barrier tape, a single layer of 6-mil polyethylene as a minimum, covering the inside of the window/door opening to act as a critical barrier, and a single layer drop cloth of 6-mil polyethylene, as a minimum, covering the area in the vicinity and below the walk door work areas.

The window/door frame sealant materials will be addressed as follows: Spray asbestos-containing materials with amended water or removal encapsulant. Manually remove the sealant from the opening between the window/door frame component and the building exterior components (metal, brick, etc.). Following removal of the window/door sealant, the gap between the frame and building exterior where removal has occurred shall be wet wiped and/or HEPA vacuumed until the substrate is clean. The debris which accumulates on the drop cloths shall be kept wet and placed into disposal bags as soon as practical. Loose, unbagged waste materials will not remain in the work area after the end of the work shift. All regulated area teardown materials will be treated as ACM. The removed window/door sealant and all waste resulting from the removal operations will be double bagged/wrapped, labeled and disposed of in accordance with the guidelines discussed in Item E of this section. Following removal operations, the remaining exposed walls and/or structural members will be sprayed with a lockdown encapsulant designed for asbestos abatement purposes.

3. **Asbestos-Containing Seam Mastic, Roof Penetration/Vent Mastic, Gutter Lining, and Roof Felt Materials:** Comply with wet removal procedures. Workers shall wear proper protective equipment during removal and decontaminate through a remote wet decontamination unit erected in a central location readily accessible to the workers. Removal of the asbestos-containing seam mastic/roof felt materials shall be accomplished within an exterior regulated work area by manually removing the sealant from the steel substrate materials and/or roof deck leaving the substrate materials visually free of residual sealant or felt materials.

The exterior regulated work area will consist of asbestos specific barrier tape, a single layer of 6-mil polyethylene drop cloth covering the roof opening(s) where the vent components will be withdrawn and on the roof area adjacent to the vent(s).

The seam mastic/roof felt materials will be addressed as follows: Spray asbestos-containing materials with amended water or removal encapsulant. Manually remove the vent, roof sheet, and/or gutter component with the roof mastic applied
to the exterior and wrap the removed component in two layers of 6-mil polyethylene sheeting for disposal. Following manual removal of the roof component, remove the roofing materials from a ring approximately one foot back from the vent/penetration. The debris which accumulates on the drop cloths shall be kept wet and placed into disposal bags as soon as practical. Loose, unbagged waste materials will not remain in the work area after the end of the work shift. All regulated area teardown materials will be treated as ACM. All waste resulting from the removal operations will be double bagged/wrapped, labeled and disposed of in accordance with State and local regulations. Following removal operations, the remaining exposed substrate and/or structural members will be sprayed with a lockdown encapsulant designed for asbestos abatement purposes.

4. **Asbestos-Containing Domestic Water Fitting Insulation Materials (Glove-bag Method):** It is intended that the cutting and/or removal of any pipe insulation material will be conducted by the Glove-bag method within a regulated area. The Contractor will not be responsible for capping any pipe fittings, as it is intended that removal operations shall not disturb any piping itself which will remain intact until reused/terminated by others.

The Glove-bag removal work area(s) will be regulated with barrier tape and appropriate signage shall be placed on the work area entry.

Install critical barriers on windows and doors that will not be utilized during removal operations. Install flaps on the door(s) that will be utilized during removal operations. Drop sheets will be installed in the area below the pipe insulation which will be removed. Place drop sheets in a manner which will cover the area below the glove-bag(s) and any area where workers stand when working within the glove-bag. A remote three chambered wet decontamination system will be set-up in a central location accessible from each work area.

Check pipe where the work will be performed. Wrap damaged (broken lagging, hanging, etc.) pipe insulation in 6 mil plastic and "candy-stripe" with adhesive tape. Place one layer of adhesive tape around undamaged insulation at each end where the Glove-bag will be attached. Glove-bags shall not be used when surface temperatures exceed 150 degrees F.

Slit top of the Glove-bag open (if necessary) and cut down the sides to accommodate the size of the pipe (about two inches longer than the pipe diameter). Place necessary tools into the pouch located inside the Glove-bag. This will usually include: bone saw, utility knife, rags, scrub brush, wire cutters, tin snips and pre-wetted cloth. Place one strip of adhesive tape along the edge of the open top slit of Glove-bag for reinforcement.

Place the Glove-bag around section of pipe to be worked on, then staple top together through reinforcing adhesive tape. Next, adhesive tape the ends of Glove-bag to pipe itself, where previously covered with plastic or adhesive tape.
Test the seal of each glove bag with a smoke tube and aspirator bulb. Place tube into water sleeve (two-inch opening to Glove-bag) squeezing bulb and filling bag with visible smoke. Remove smoke tube and twist water sleeve closed. While holding the water sleeve tightly, gently squeeze Glove-bag and look for smoke leaking out (especially at top and ends of the Glove-bag). If leaks are found, make repairs using adhesive tape and re-test.

Remove pipe insulation from inside the Glove-bag as follows:

Insert wand from garden sprayer through water sleeve. Adhesive tape water sleeve tightly around the wand to prevent leakage. Insert wand from garden sprayer through water sleeve. Adhesive tape water sleeve tightly around the wand to prevent leakage.

Two workers are required to operate each glove-bag. One person places his hands into the long-sleeved gloves while the second person directs garden sprayer at the work.

Thoroughly wet insulation with amended water or removal encapsulant and allow to soak in. Wet adequately to penetrate and soak material through to substrate. Use a bone saw, if required, to cut insulation at each end of the section to be removed. A bone saw is a serrated heavy gauge wire with ring-type handles at each end. Throughout this process, spray amended water or removal encapsulant on the cutting area to keep dust to a minimum. Remove insulation using putty knives, wire brushes or other tools. Place pieces of insulation in the bottom of bag without dropping.

Seal exposed ends of remaining straight-run pipe insulation from inside the Glove-bag.

Rinse tools with water inside the bag and place back into pouch. Using scrub brush, rags and water, scrub and wipe down the exposed pipe. Remove water wand from water sleeve and attach the small nozzle from HEPA-filtered vacuum. Turn on the HEPA vacuum and fully collapse the glove-bag. Remove the vacuum nozzle, twist water sleeve closed and seal with adhesive tape.

In Exterior Locations Where Non-Friable Materials are to be removed (window/door caulk/glazing materials and roofing materials), the work area will be Regulated with appropriate barrier tape and the Contractor shall display all appropriate OSHA and TDSHS signage. The Workers shall be in proper protective equipment and decontaminate through a single-chamber decontamination wet decontamination unit erected in a central location accessible to the workers. Critical barriers shall be placed on all window/roof openings adjacent to the work. The materials will be removed in an exterior regulated area with a single layer of 6-mil polyethylene affixed to the wall below each work area and placed in a manner where workers and all debris shall remain on the drop cloth throughout the work period.

Linda Andrews
2/24/21
In the Exterior Location Adjacent to Building 8125 which is to be demolished in place, the work area will be regulated with appropriate barrier tape and the Contractor shall display all appropriate OSHA and TDSHS signage. The Workers shall be in proper protective equipment and decontaminate through a single-chamber decontamination wet decontamination unit erected in a central location accessible to the workers. Polyethylene sheeting shall be placed at least 10 feet out from all building elevations during the demolition and waste loading operations. The building debris which results from the wet demolition shall be maintained in an adequately wet condition from the period just prior to demolition until the materials are placed within the polyethylene lined dumpster(s). Debris and polyethylene sheeting associated with the building shall be rolled up and placed in the dumpster at the end of each work shift and shall not remain in-place overnight.

CONTRACTOR USE OF PREMISES:

General: The Contractor shall limit his use of the premises to the work indicated.

Use of the Site: Confine operations at the site to the areas permitted under the contract. Portions of the site beyond areas on which work is indicated are not to be disturbed. Conform to site rules and regulations affecting the work while engaged in project abatement.

Keep existing driveways, parking spaces and entrances serving the premises clear and available to the Owner and his employees at all times.

Do not unreasonably encumber the site with materials or equipment. Confine stockpiling of materials and location of storage to areas indicated at the pre-abatement meeting.

Lock automotive type vehicles, such as passenger cars and trucks and other mechanized or motorized construction equipment, when parked and unattended, so as to prevent unauthorized use. Do not leave such vehicles or equipment unattended with the motor running or the ignition on.

Owner Occupancy: The building will not be occupied by the Owner during the asbestos abatement project.

SUBMITTALS

Before the start of work: Submit the following to the owner and Owner’s Representative for review. Do not begin work until these submittals are returned with the Owner’s signature indicating that the submittal is returned for unrestricted use or final but restricted use.

AUS SOW for Abatement of South Campus Hangers
Austin-Bergstrom International Airport
Airport Expansion Development Program Environmental Assessment
Allow 3 days time for review of submittals.

A. Plan of Action: Submit as a written report.
B. Inspection: Include copies of all photographs, video tapes, etc
C. Alternative Methods: Submit in writing, any alternative methods proposed to accomplish this work
D. Submit copies of valid and current TDSHS Asbestos Licensing and associated training certificates for all worker and supervisors at the work site.

Special Specifications:

In addition to the work procedures outlined in the Master Specifications which apply to the project described herein, the following Special Specifications apply:

The Contractor shall conduct abatement work in accordance with the current revisions to the Department of State Health Services Rules.

-END OF SECTION-
Item 1. Due to the Scope of Work for this project being written prior to the new TDSHS rules, the contractor will not be using inverted prep on the ceiling for removal of non-friable floor tile and mastic. Negative pressure in the containment will be increased from 0.020 to 0.025 which will increase protection to public health. All other friable materials will require full containment in accordance with the City of Austin Asbestos Master Specifications and TDSHS requirements.

[Signature]

Project Manager

__________________________

Contractor Signature & Date

Please sign & return
AUS South Campus Scope of Work

Addendum 2

9/14/21

Glove Bagging Modification of Pipe Insulation:

Please note that this addendum is intended for removal of pipe insulation and piping as a whole component in manageable Sections up to eight feet (8') that are completely abandoned and are depressurized. Any piping that has been utilized for any natural gas or chemicals will not be included unless approved by ABIA Safety Officer Shelley Buchman and shall be glove-bagged or removed as originally specified.

Glove bag Candy Stripe Wrapping:

Contractor may glove bag two ends of a pipe run, tape of the two insulation ends to seal the open ends left by glove bag removal, then wrap the remaining insulation in between the two glove bagged sections with 6 mil polyethylene and duct tape. Pipe and insulation can be cut down as a whole component, properly labeled and placed into the asbestos waste dumpster.

______________________________
Project Manager & Date

______________________________
Contractor Signature & Date

Please sign & Return
## Notification Data Summary

### Notification Number
- 2021005258

### Status
- Original

### Facility Owner
- **Name**: City of Austin Aviation
- **Attention**: Linda Arredondo
- **Address**: 3600 Presidential
- **Phone**: 512-423-2333

### Section I - Facility Information

<table>
<thead>
<tr>
<th>Type</th>
<th>Public</th>
</tr>
</thead>
<tbody>
<tr>
<td>Is this a phased abatement project?</td>
<td>No</td>
</tr>
<tr>
<td>Facility</td>
<td>ABIA South Campus Abatement</td>
</tr>
<tr>
<td></td>
<td>3600 Presidential BLVD</td>
</tr>
<tr>
<td></td>
<td>TRAVIS</td>
</tr>
<tr>
<td></td>
<td>AUSTIN, TX</td>
</tr>
<tr>
<td></td>
<td>78719</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Facility Contact</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Phone</strong>: Linda Arredondo</td>
</tr>
<tr>
<td><strong>Phone</strong>: 512-530-2466</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Area Description/ Room Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Old Hangers and Buildings Located on the South Campus</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Age of building</th>
<th>50 years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size</td>
<td>172749 square feet</td>
</tr>
<tr>
<td>Number of floors</td>
<td>1</td>
</tr>
<tr>
<td>Is Building Occupied?</td>
<td>No</td>
</tr>
<tr>
<td>Is the facility a School K-12?</td>
<td>No</td>
</tr>
<tr>
<td>Date of Asbestos Survey/NESHAP Inspection</td>
<td>Dec 10, 2020</td>
</tr>
</tbody>
</table>

| Analytical Method | PLM |

### Section II - Type of Notification

<table>
<thead>
<tr>
<th>Type</th>
<th>Original</th>
</tr>
</thead>
<tbody>
<tr>
<td>Is this project an emergency?</td>
<td>No</td>
</tr>
</tbody>
</table>

### Section III - Type of Work/Schedule

<table>
<thead>
<tr>
<th>Type</th>
<th>Abatement</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Asbestos Abatement Work Schedule</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Start Date</strong>: Aug 16, 2021</td>
</tr>
<tr>
<td><strong>End Date</strong>: Nov 06, 2021</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Day(s) of Operation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mon, Tue, Wed, Thu, Fri,</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Work Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:00 AM to 5:00 PM</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Select abatement methods to be used</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full Containment/RFCI</td>
</tr>
</tbody>
</table>

### Section IV - Asbestos to be Affected by Abatement/Demolition Activity
### Section V - Description of work practices

| Description | Removal of Asbestos containing material: piping, walls, floor tile & roofing using full containment, and glove bag methods as required. |

### Section VI - Project Personnel

#### Asbestos Abatement Contractor

<table>
<thead>
<tr>
<th>Name</th>
<th>AAR Incorporated</th>
</tr>
</thead>
<tbody>
<tr>
<td>Attention</td>
<td>Bill Post</td>
</tr>
<tr>
<td>Address</td>
<td>6640 Signat RD HOUSTON, TX 77041</td>
</tr>
<tr>
<td>Phone</td>
<td>713-466-6800</td>
</tr>
<tr>
<td>Jobsite Phone</td>
<td>512-751-4007</td>
</tr>
</tbody>
</table>

#### Project Consultant

<table>
<thead>
<tr>
<th>Name</th>
<th>Fercam Group</th>
</tr>
</thead>
<tbody>
<tr>
<td>Attention</td>
<td>Fernando Yepez</td>
</tr>
<tr>
<td>Address</td>
<td>303 E. Main St. HUMBLE, TX 77338</td>
</tr>
<tr>
<td>Phone</td>
<td>281-446-4371</td>
</tr>
</tbody>
</table>

#### Waste Disposal Site

| TCEQ Permit # | 2123 |
| Name | Texas Disposal System |
| Attention | Site Manager |
| Address | 7500 FM 1327 Buda, TX 78610 |
| Phone | 512-421-1300 |

#### Waste Transporter

<table>
<thead>
<tr>
<th>Name</th>
<th>AAR Incorporated</th>
</tr>
</thead>
<tbody>
<tr>
<td>Attention</td>
<td>Bill Post</td>
</tr>
<tr>
<td>Address</td>
<td>6460 Signat RD HOUSTON, TX 77041</td>
</tr>
<tr>
<td>Phone</td>
<td>512-750-4007</td>
</tr>
</tbody>
</table>
## Certification Statement

<table>
<thead>
<tr>
<th>Name</th>
<th>Linda Arredondo</th>
</tr>
</thead>
<tbody>
<tr>
<td>Title</td>
<td>Occupational Environmental Heath &amp; Safety Manager</td>
</tr>
<tr>
<td>Company Affiliation</td>
<td>City of Austin Aviation Department</td>
</tr>
<tr>
<td>Phone</td>
<td>512-530-2466</td>
</tr>
<tr>
<td>Email</td>
<td><a href="mailto:linda.arredondo2@austintexas.gov">linda.arredondo2@austintexas.gov</a></td>
</tr>
<tr>
<td>Date</td>
<td>Jul 28, 2021</td>
</tr>
</tbody>
</table>
Notification Data Summary

<table>
<thead>
<tr>
<th>Notification Number</th>
<th>2021005258</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>☑ Status</strong></td>
<td>Amendment # 1</td>
</tr>
</tbody>
</table>

**Facility Owner**

<table>
<thead>
<tr>
<th>Name</th>
<th>City of Austin Aviation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Attention</td>
<td>Linda Arredondo</td>
</tr>
<tr>
<td>Address</td>
<td>3600 Presidential</td>
</tr>
<tr>
<td></td>
<td>AUSTIN, TX  78719</td>
</tr>
<tr>
<td></td>
<td>512-423-2333</td>
</tr>
</tbody>
</table>

**Section I - Facility Information**

<table>
<thead>
<tr>
<th>Type</th>
<th>Public</th>
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<tbody>
<tr>
<td>Is this a phased abatement project?</td>
<td>No</td>
</tr>
<tr>
<td>Facility</td>
<td>ABIA South Campus Abatement</td>
</tr>
<tr>
<td></td>
<td>3600 Presidential BLVD</td>
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<td>TRAVIS</td>
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<td></td>
<td>78719</td>
</tr>
<tr>
<td>Facility Contact</td>
<td>Linda Arredondo</td>
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<td>Phone</td>
<td>512-530-2466</td>
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<tr>
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<td>Old Hangers and Buildings Located on the South Campus</td>
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<td>Age of building</td>
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<tr>
<td>Is Building Occupied?</td>
<td>No</td>
</tr>
<tr>
<td>Is the facility a School K-12?</td>
<td>No</td>
</tr>
<tr>
<td>Date of Asbestos Survey/NESHAP Inspection</td>
<td>Dec 10, 2020</td>
</tr>
<tr>
<td>Analytical Method</td>
<td>PLM</td>
</tr>
</tbody>
</table>

**Section II - Type of Notification**

<table>
<thead>
<tr>
<th>☑ Type</th>
<th>Amendment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Is this project an emergency?</td>
<td>No</td>
</tr>
</tbody>
</table>

**Section III - Type of Work/Schedule**

<table>
<thead>
<tr>
<th>Type</th>
<th>Abatement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Asbestos Abatement Work Schedule</td>
<td></td>
</tr>
<tr>
<td>Start Date</td>
<td>Aug 16, 2021</td>
</tr>
<tr>
<td>End Date</td>
<td>Nov 06, 2021</td>
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<td>Day(s) of Operation</td>
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</tr>
<tr>
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<td>7:00 AM TO 5:00 PM</td>
</tr>
<tr>
<td>Select abatement methods to be used</td>
<td>Full Containment/RFCI</td>
</tr>
</tbody>
</table>

**Section IV - Asbestos to be Affected by Abatement/Demolition Activity**

---

G-39
Interior Category I non-friable removed
Linear Feet 0
Square Feet 31500

Interior Category II non-friable removed
Linear Feet 4050
Square Feet 0

☑ Description
Removal of Asbestos containing material: piping, walls, floor tile & roofing using full containment, and glove bag methods as required. Deviation of rules for Floor tile containment (see on-site addendum and specifications.)

Asbestos Abatement Contractor
Name AAR Incorporated
Attention Bill Post
Address 6640 Signat RD
HOUSTON, TX 77041
Phone 713-466-6800
Jobsite Phone 512-751-4007

Project Consultant
Name Fercam Group
Attention Fernando Yepez
Address 303 E. Main St.
HUMBLE, TX 77338
Phone 281-446-4371

Waste Disposal Site
TCEQ Permit # 2123
Name Texas Disposal System
Attention Site Manager
Address 7500 FM 1327
Buda, TX 78610
Phone 512-421-1300

Waste Transporter
Name AAR Incorporated
Attention Bill Post
Address 6460 Signat RD
Name
Linda Arredondo

Title
Occupational Environmental Health & Safety Manager

Company Affiliation
City of Austin Aviation Department

Phone
512-530-2466

Email
linda.arredondo2@austintexas.gov

Date
Sep 27, 2021
### Notification Number
- **Number**: 2021005258
- **Status**: Amendment # 2

### Facility Owner
- **Name**: City of Austin Aviation
- **Attention**: Linda Arredondo
- **Address**: 3600 Presidential
  - **City**: AUSTIN
  - **State**: TX
  - **Zip**: 78719
- **Phone**: 512-423-2333

### Section I - Facility Information
- **Type**: Public
- **Is this a phased abatement project?**: No
- **Facility**: ABIA South Campus Abatement
  - Address: 3600 Presidential BLVD
  - **City**: TRAVIS
  - **State**: AUSTIN
  - **Zip**: 78719
- **Facility Contact**: Linda Arredondo
- **Phone**: 512-530-2466
- **Area Description/ Room Number**: Old Hangers and Buildings Located on the South Campus
- **Age of building**: 50 years
- **Size**: 172749 square feet
- **Number of floors**: 1
- **Is Building Occupied?**: No
- **Is the facility a School K-12?**: No
- **Date of Asbestos Survey/NESHAP Inspection**: Dec 10, 2020
- **Analytical Method**: PLM

### Section II - Type of Notification
- **Type**: Amendment
- **Is this project an emergency?**: No

### Section III - Type of Work/Schedule
- **Type**: Abatement
- **Asbestos Abatement Work Schedule**: 
  - **Start Date**: Aug 16, 2021
  - **End Date**: Nov 19, 2021
- **Day(s) of Operation**: Mon, Tue, Wed, Thu, Fri
- **Work Hours**: 7:00 AM to 5:00 PM
- **Select abatement methods to be used**: Full Containment/RFCI

### Section IV - Asbestos to be Affected by Abatement/Demolition Activity
<table>
<thead>
<tr>
<th>Description</th>
<th>Details</th>
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</thead>
<tbody>
<tr>
<td>Removal of Asbestos containing material: piping, walls, floor tile &amp; roofing using full containment, and glove bag methods as required. Deviation of rules for Floor tile containment (see on-site addendum and specifications.)</td>
<td></td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Asbestos Abatement Contractor</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Name</td>
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<table>
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<th></th>
</tr>
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<tbody>
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<td>Name</td>
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<tr>
<td>Attention</td>
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<tr>
<td>Phone</td>
<td>281-446-4371</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Waste Disposal Site</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>TCEQ Permit #</td>
<td>2123</td>
</tr>
<tr>
<td>Name</td>
<td>Texas Disposal System</td>
</tr>
<tr>
<td>Attention</td>
<td>Site Manager</td>
</tr>
<tr>
<td>Address</td>
<td>7500 FM 1327</td>
</tr>
<tr>
<td>Phone</td>
<td>512-421-1300</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Waste Transporter</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Name</td>
<td>AAR Incorporated</td>
</tr>
<tr>
<td>Attention</td>
<td>Bill Post</td>
</tr>
<tr>
<td>Address</td>
<td>6460 Signat RD</td>
</tr>
<tr>
<td><strong>Name</strong></td>
<td>Linda Arredondo</td>
</tr>
<tr>
<td>-------------------</td>
<td>------------------------------------------------------</td>
</tr>
<tr>
<td><strong>Title</strong></td>
<td>Occupational Environmental Health &amp; Safety Manager</td>
</tr>
<tr>
<td><strong>Company Affiliation</strong></td>
<td>City of Austin Aviation Dept</td>
</tr>
<tr>
<td><strong>Phone</strong></td>
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</tr>
<tr>
<td><strong>Email</strong></td>
<td><a href="mailto:linda.arredondo2@austintexas.gov">linda.arredondo2@austintexas.gov</a></td>
</tr>
<tr>
<td><strong>Date</strong></td>
<td>Oct 28, 2021</td>
</tr>
</tbody>
</table>

Austin-Bergstrom International Airport
Airport Expansion Development Program Environmental Assessment

---
SECTION 4

Building 8130

- Daily Observations
- Daily Air Sampling Log
- Final Clearance Air Sampling Log
- Laboratory Report(s)
- Photographs
- Contractor Daily Observations
- Contractor Daily Sign-In Sheets
FERCAM GROUP

DAILY LOG

ABIA SOUTH CAMPUS ABATEMENT 3600 PRESIDENTIAL BLVD
START DATE 10/14/2021
PROJECT NUMBER 2007061

06:45 Fercam rep, the supervisor and crew arrived at the job site.
06:50 Abatement supervisor conducted safety meeting with the crew.
07:05 Fercam rep and supervisor deliberated on today’s work schedule. Abatement supervisor has requested an extension lift from the office, brought to the work site to complete work on buildings 8130 and 8135.
07:30 Fercam rep start paperwork of the day.
09:30 Abatement crew waiting for extension lift to start work.
11:50 Abatement crew went to lunch break.
12:50 Abatement crew came back from lunch.
13:00 Abatement crew mobilized to building 8250 to remove duct black mastic and fiberglass insulation.
13:30 Fercam rep calibrated area monitoring pumps at 2lpm for removal of duct black mastic and fiberglass insulation.
14:30 Abatement crew removing duct black mastic and fiberglass insulation in building 8250 while waiting for extension lift for building 8130 and 8135.
15:30 Abatement crew continue to remove duct mastic and fiberglass insulation.
16:35 Abatement crew completed removal of duct black mastic and fiberglass insulation. Crew decontaminate at decon station. Rep collected all area air monitoring pumps.
17:00 Abatement crew left the jobsite.
06:50 Fercam rep, the supervisor and crew arrived at the job site.

06:55 Abatement supervisor conducted safety meeting with the crew.

07:10 Fercam rep and supervisor deliberated on the work schedule for the day. Abatement supervisor expecting the extension lift he requested from the office to arrive today to complete work on buildings 8130 and 8135.

07:20 Fercam rep start paperwork of the day.

09:00 Abatement supervisor and crew waiting for extension lift to start work.

09:45 Extension lift arrived jobsite.

10:00 Fercam rep calibrated up and down wind at pumps 2l pm for removal of roof penetration caulking in building 8135.

11:50 Abatement crew went to lunch break.

12:50 Abatement crew came back from lunch.

13:00 Abatement crew removing roof penetration caulking in building 8135.

14:00 Abatement crew completed removal of roof penetration caulking in building 8135. Rep collected all area monitoring pumps.

14:10 Abatement crew mobilizes lift and equipment to building 8130.

14:25 Fercam rep calibrated area monitoring pumps for removal of black mastic in ceiling and outside caulking in building 8130.

16:15 Abatement crew completed removal of black mastic and outside caulking in building 8130. Rep collected all area air monitoring pumps.

16:20 Abatement crew decon at decon station and moved equipment to vehicles.

17:00 Abatement crew left the jobsite.
# Table 1
## DAILY AIR SAMPLING LOG – BY PCM ANALYSIS

<table>
<thead>
<tr>
<th>Sample No.</th>
<th>Sample Type</th>
<th>Sample Location</th>
<th>Date</th>
<th>Air Volume (liters)</th>
<th>Quantification Limit (f/cc)</th>
<th>Fiber Concentration (f/cc)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LS-0612</td>
<td>BLANK</td>
<td>Building 8130</td>
<td>10/14/2021</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>LS-0613</td>
<td>BLANK</td>
<td>Building 8130</td>
<td>10/14/2021</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>LS-0614</td>
<td>Sample_TypeUP WIND, Roof Penetration Caulking/ Mastic Removal</td>
<td>Building 8130</td>
<td>10/14/2021</td>
<td>220</td>
<td>0.004</td>
<td>0.003</td>
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<tr>
<td>LS-0615</td>
<td>Sample_TypeDOWN WIND, Roof Penetration Caulking/ Mastic Removal</td>
<td>Building 8130</td>
<td>10/14/2021</td>
<td>218</td>
<td>0.004</td>
<td>1.002</td>
</tr>
</tbody>
</table>

**LEGEND**

- A = Abatement
- BL = Baseline
- FC = Final Clearance
- N/A = Not Applicable
- f/cc = fibers per cubic centimeter
- PCM = Phase Contrast Microscopy
- PW = Preparation Work
## AIR MONITORING DATA FORM

<table>
<thead>
<tr>
<th>Sample Number</th>
<th>Description</th>
<th>Flow Rate</th>
<th>Start Time</th>
<th>Stop Time</th>
<th>Blank Count</th>
<th>Total Time (MINS)</th>
<th>Volume (VOL)</th>
<th># of Fibers</th>
<th>Fields</th>
<th>CV*</th>
<th>LOQ*</th>
<th>Fiber Density (f/mm)</th>
<th>Fiber Conc. (f/cc)</th>
<th>95% upper Con limit</th>
<th>Reported Fiber conc. (f/cc)</th>
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</thead>
<tbody>
<tr>
<td>LS-0612</td>
<td>FIELD BLANK</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
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<tr>
<td>LS-0613</td>
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</tr>
<tr>
<td>LS-0614</td>
<td>UP WIND</td>
<td>2.0</td>
<td>14:25</td>
<td>16:15</td>
<td>-</td>
<td>110</td>
<td>220</td>
<td>1</td>
<td>100</td>
<td>0.450</td>
<td>0.022</td>
<td>1.27</td>
<td>0.002</td>
<td>0.004</td>
<td>0.003</td>
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<tr>
<td>LS-0615</td>
<td>DOWN WIND</td>
<td>2.0</td>
<td>14:27</td>
<td>16:16</td>
<td>-</td>
<td>109</td>
<td>218</td>
<td>1</td>
<td>100</td>
<td>0.450</td>
<td>0.022</td>
<td>1.27</td>
<td>0.002</td>
<td>0.004</td>
<td>1.002</td>
</tr>
</tbody>
</table>

* CV = Coefficient Of Variation (See table)

<table>
<thead>
<tr>
<th><strong>BR</strong> = Barrier</th>
<th><strong>CR</strong> = Clean Room</th>
<th><strong>IWA</strong> = Inside Work Area</th>
<th><strong>PS</strong> = Personnel</th>
<th><strong>QCB</strong> = Quality Control Blank</th>
<th><strong>BL</strong> = Base Line</th>
<th><strong>FC</strong> = Final Clearance</th>
<th><strong>NAM</strong> = Negative Air Machine</th>
<th><strong>A</strong> = COnting rules</th>
</tr>
</thead>
<tbody>
<tr>
<td>LOQ = 4.9044 / VOL</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

I hereby certify that the above samples have been analyzed by Phase Contrast Microscopy in accordance with the NIOSH 7400 method using the "A" Counting rules.

Contractor: AAR Incorporated
Supervisor's Name: LUIS TREVINO
No. of Workers: 10
PPE Used: YES

Analyst: (Print Name) LADI SODIPE
Signature: ladi sodipe
DAILY LOG

Job # 214175

Project Name: ABTA South Campus Abatement

Supervisor: Luis Irvano

Date: 10.14.21

% of Job Complete ( )

Weather: __________
Temp AM: _____ PM: _____
Safety Meeting: ________

Work Performed Today (Detail): 7:00 AAR supervisor & abatement crew arrive on site & sign in.
7:10 – Crew begins to prep rooms with black material on duct.
1:10 – 1 kitchen area above ceiling poly on floor & covered w/ plastic & fans.
10:00 – Prep shower rooms.
12:00 – Break for lunch.
1:00 – Return, crew suits up & begin to remove black insulation. No contamination.
2:15 – Complete removed of black duct insulation, crew bags up then leaves & heads to custoner.
4:00 – Area complete, area is cleaned, crew bags the area & leaves.
5:00 – Take down, depart work site.

Problems - Delays: __________

Extra Work: __________

Next Daily Goal: __________

Supervisor: __________

Workforce

Preparation
Removal
Cleanup
Other (Specific) __________

Subcontractors

Checklist
Poly barriers air tight
Negative air pressure
Decon operational
Surfactant encaps. pump
Air Monitoring
Double bagged & secure
Mats. distrib. & secure
Facility Secure
Work area clean
Daily inventory
Vehicle Check
Equipment Check

Employee

Training
Medical Exams
Respiratory Test

Field Doc.
Field Report
Payroll Report
Waste Manifest

PPE
1/2 Mask
PAPR
Suits
Boots
Gloves
Hard Hat
Safety Glass
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<th>Employer</th>
<th>Time In</th>
<th>Time Out</th>
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<th>Time Out</th>
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<td>Time In</td>
<td>Time Out</td>
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SECTION 5

Building 8135

- Daily Observations
- Daily Air Sampling Log
- Final Clearance Air Sampling Log
- Laboratory Report(s)
- Photographs
- Contractor Daily Observations
- Contractor Daily Sign-In Sheets
DAILY LOG

ABIA SOUTH CAMPUS ABATEMENT 3600 PRESIDENTIAL BLVD
START DATE 10/11/2021 PROJECT NUMBER 2007061

06:40 Fercam rep, the supervisor and crew arrived at the job site.
06:45 Abatement supervisor conducted safety meeting with the crew.
07:00 Fercam rep and supervisor went over building 8130 for work assessments. It was determined to skip 8130 and start work in 8135 due to lack of proper equipment. Decision was communicated to Fercam group manager and Linda Arredondo.
08:30 Abatement crew moved equipment to building 8130 to start prepping.
08:30 Fercam rep calibrated area monitoring pumps at 15lpm for baseline in building 8135.
08:45 Fercam rep start paperwork of the day.
10:02 Fercam rep collected area monitoring pumps for baseline in building 8135.
10:20 Fercam rep calibrated area air monitoring pumps at 2lpm for prepping.
11:55 Abatement crew went to lunch break. Rep collected monitoring pumps.
12:55 Abatement crew came back from lunch break.
13:00 Fercam rep calibrated area monitoring pumps at 2lpm for prepping.
13:08 Abatement crew resumed prepping in building 8135.
14:30 Abatement crew continued with prepping in building 8135.
15:30 Abatement crew prepping building 8135.
16:50 Abatement crew stopped prepping in building 8135. Rep collected all area air monitoring pumps.
17:00 Abatement crew left the jobsite.
06:45 Fercam rep, the supervisor and crew arrived at the job site.
06:50 Abatement supervisor conducted safety meeting with the crew.
07:00 Fercam rep and supervisor walk through containment. Crew will continue prepping containment and get it ready for removal.
07:50 Fercam rep calibrated area air monitoring pumps at 2lpm for removal of floor tiles and mastic in building 8135.
08:00 Fercam rep start paperwork of the day.
09:10 Abatement crew bagging out
09:40 Abatement crew completed bag out for a total of 65 bags
10:00 Abatement crew continue with removal of floor tiles and mastic.
11:00 Abatement supervisor request for visual of containment. Visual of containment is good. Rep collected all area air monitoring pumps.
11:30 Abatement crew encapsulate containment in building 8135.
11:55 Abatement crew went to lunch break.
12:55 Abatement crew came back from lunch break.
13:00 Fercam rep calibrated area monitoring pumps at 14lpm for clearance.
14:35 Fercam rep collected all area monitoring pumps for final clearance.
14:50 Fercam rep prepping clearance cassettes for sample readings.
15:45 Abatement crew tearing down containment.
FERCAM GROUP

16:20 Abatement crew completed tear down of containment.
16:55 Abatement crew completed loading up of equipment.
17:00 Abatement crew left the jobsite.
DAILY LOG

ABIA SOUTH CAMPUS ABATEMENT 3600 PRESIDENTIAL BLVD
START DATE 10/14/2021  PROJECT NUMBER  2007061

06:45 Fercam rep, the supervisor and crew arrived at the job site.
06:50 Abatement supervisor conducted safety meeting with the crew.
07:05 Fercam rep and supervisor deliberated on today’s work schedule. Abatement supervisor has requested an extension lift from the office, brought to the work site to complete work on buildings 8130 and 8135.
07:30 Fercam rep start paperwork of the day.
09:30 Abatement crew waiting for extension lift to start work.
11:50 Abatement crew went to lunch break.
12:50 Abatement crew came back from lunch.
13:00 Abatement crew mobilized to building 8250 to remove duct black mastic and fiberglass insulation.
13:30 Fercam rep calibrated area monitoring pumps at 2lpm for removal of duct black mastic and fiberglass insulation.
14:30 Abatement crew removing duct black mastic and fiberglass insulation in building 8250 while waiting for extension lift for building 8130 and 8135.
15:30 Abatement crew continue to remove duct mastic and fiberglass insulation.
16:35 Abatement crew completed removal of duct black mastic and fiberglass insulation. Crew decontaminate at decon station. Rep collected all area air monitoring pumps.
17:00 Abatement crew left the jobsite.
FERCAM GROUP

DAILY LOG

ABIA SOUTH CAMPUS ABATEMENT 3600 PRESIDENTIAL BLVD
START DATE 10/15/2021 PROJECT NUMBER 2007061

06:50 Fercam rep, the supervisor and crew arrived at the job site.
06:55 Abatement supervisor conducted safety meeting with the crew.
07:10 Fercam rep and supervisor deliberated on the work schedule for the day.
   Abatement supervisor expecting the extension lift he requested from the
   office to arrive today to complete work on buildings 8130 and 8135.
07:20 Fercam rep start paperwork of the day.
09:00 Abatement supervisor and crew waiting for extension lift to start work.
09:45 Extension lift arrived jobsite.
10:00 Fercam rep calibrated up and down wind at pumps 2l pm for removal of roof
   penetration caulking in building 8135.
11:50 Abatement crew went to lunch break.
12:50 Abatement crew came back from lunch.
13:00 Abatement crew removing roof penetration caulking in building 8135.
14:00 Abatement crew completed removal of roof penetration caulking in building
   8135. Rep collected all area monitoring pumps.
14:10 Abatement crew mobilizes lift and equipment to building 8130.
14:25 Fercam rep calibrated area monitoring pumps for removal of black mastic in
   ceiling and outside caulking in building 8130.
16:15 Abatement crew completed removal of black mastic and outside caulking in
   building 8130. Rep collected all area air monitoring pumps.
16:20 Abatement crew decon at decon station and moved equipment to vehicles.
17:00 Abatement crew left the jobsite.
# Table 1
## DAILY AIR SAMPLING LOG – BY PCM ANALYSIS

<table>
<thead>
<tr>
<th>Sample No.</th>
<th>Sample Type</th>
<th>Sample Location</th>
<th>Date</th>
<th>Air Volume (liters)</th>
<th>Quantification Limit (f/cc)</th>
<th>Fiber Concentration (f/cc)</th>
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**LEGEND**

- A = Abatement
- BL = Baseline
- FC = Final Clearance
- PW = Preparation Work
- N/A = Not Applicable

f/cc = fibers per cubic centimeter

PCM = Phase Contrast Microscopy

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Austin-Bergstrom International Airport
Airport Expansion Development Program Environmental Assessment

G-59
**Table 1**

**DAILY AIR SAMPLING LOG – BY PCM ANALYSIS**

<table>
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<th>Sample No.</th>
<th>Sample Type</th>
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<th>Date</th>
<th>Air Volume (liters)</th>
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**LEGEND**

- **A** = Abatement
- **BL** = Baseline
- **FC** = Final Clearance
- **N/A** = Not Applicable

- **f/cc** = fibers per cubic centimeter
- **PCM** = Phase Contrast Microscopy
- **PW** = Preparation Work
### Table 1
**DAILY AIR SAMPLING LOG – BY PCM ANALYSIS**

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<th>PROJECT NAME:</th>
<th>South Campus Military Hangar Abatement Oversite</th>
<th>INSPECTION FIRM:</th>
<th>Fercam Group</th>
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| SITE ADDRESS: | 3600 Presidential  
Austin, Texas 78719 | ASBESTOS CONSULTANT(S): | Fernando Yepez |
| AREA(S) ABATED: | 15 Buildings, Interior and Exterior | DATE OF ABATEMENT: | August 16, 2021 – November 19, 2021 |

<table>
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<th>Sample No.</th>
<th>Sample Type</th>
<th>Sample Location</th>
<th>Date</th>
<th>Air Volume (liters)</th>
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**LEGEND**

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- BL = Baseline
- FC = Final Clearance
- N/A = Not Applicable
- f/cc = fibers per cubic centimeter
- PCM = Phase Contrast Microscopy
- PW = Preparation Work
### Table 2
**FINAL CLEARANCE AIR SAMPLING LOG – BY PCM ANALYSIS**

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<th>Sample No.</th>
<th>Sample Type</th>
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**PROJECT NAME:** South Campus Military Hangar Abatement Oversite  
**SITE ADDRESS:** 3600 Presidential, Austin, Texas 78719  
**ASBESTOS CONSULTANT(S):** Fernando Yepez  
**DATE OF ABATEMENT:** August 16, 2021 – November 19, 2021
# AIR MONITORING DATA FORM

**Project Name:** ABIA SOUTH CAMPUS ABATEMENT  
**Location:** 3601 PRESIDENTIAL BLVD TRAVIS AUSTIN  
**Project Manager:** LADI SODIPE  
**Project No.:** 2007061  

## LOCATION: BLDG. 8135

<table>
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<th>Description</th>
<th>Activity/Location/Name/SS#</th>
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<th>Stop Time</th>
<th>Blank Count</th>
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* CV = Coefficient Of Variation (See table)  
** BR = Barrier  
CR = Clean Room  
IWA = Inside Work Area  
PS = Personnel  
BL = Base Line  
FC = Final Clearance  
NAM = Negative Air Machine  
QCB = Quality Control Blank  

Thereby certify that the above samples have been analyzed by Phase Contrast Microscopy in accordance with the NIOSH 7400 method using the "A" Counting rules.

**Contractor:** AAR Incorporated  
**Supervisor’s Name:** LUIS TREVINO  
**No. of Workers:** 8  
**PPE Used:** YES  
**Analyst (Print Name):** LADI SODIPE  
**Signature:** ladi sodipe
## AIR MONITORING DATA FORM

**Date:** 11-Oct-2021  
**Client:** CITY OF AUSTIN  
**Activity:** AIR MONITORING  
**LOCATION:** BLDG. 8135  

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<th>Activity/Location/Name/SS#</th>
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<th>Stop Time</th>
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<th>LOQ*</th>
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**Contractor:** AAR Incorporated  
**Supervisor’s Name:** LUIS TREVINO  
**No. of Workers:** 7  
**PPE Used:** YES  

**Analyst:** (Print Name) LADI SODIPE  
**Signature:** ladi sodipe
**FERCAM GROUP**

**A I R  M O N I T O R I N G  D A T A  F O R M**

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<tr>
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Contractor: **AAR Incorporated**  
Supervisor’s Name: **LUIS TREVINO**  
No. of Workers: **7**  
PPE Used: **YES**  
 Analyst: (Print Name) **LADI SODIPE**  
Signature: **ladi sodipe**
## Air Monitoring Data Form

**Project Name:** ABIA SOUTH CAMPUS ABATEMENT  
**Location:** 3601 PRESIDENTIAL BLVD TRAVIS AUSTIN  
**Project Manager:** LADI SODIPE  
**Project No.:** 2007061

### Location: BLDG. 8135

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### Annex Information

**Contractor:** AAR Incorporated  
**Supervisor's Name:** LUIS TREVINO  
**No. of Workers:** 8  
**PPE Used:** YES  
**Analyst:** LADI SODIPE  
**Signature:** ladi sodipe
## AIR MONITORING DATA FORM

**Project Name:** ABIA SOUTH CAMPUS ABATEMENT  
**Location:** 3601 PRESIDENTIAL BLVD TRAVIS AUSTIN  
**Project Manager:** LADI SODIPE  
**Project No.:** 2007061

**Location:** BLDG. 8135  
**Client:** CITY OF AUSTIN  
**Activity:** AIR MONITORING  
**Activity:** ROOF PENETRATION CUALKING/MASTIC REMOVAL

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FC = Final Clearance  
NAM = Negative Air Machine  
QCB = Quality Control Blank  
**The hereby certify that the above samples have been analyzed by Phase Contrast Microscopy in accordance with the NIOSH 7400 method using the "A" Counting rules.*

**Contractor:** AAR Incorporated  
**Supervisor’s Name:** LUIS TREVINO  
**No. of Workers:** 10  
**PPE Used:** YES  
**Analyst:** (Print Name) LADI SODIPE  
**Signature:** ladi sodipe

---

*CV = Coefficient Of Variation (See table)  
**BR = Barrier  
CR = Clean Room  
IWA = Inside Work Area  
PS = Personnel  
BL = Base Line  
FC = Final Clearance  
NAM = Negative Air Machine  
QCB = Quality Control Blank  
**The hereby** certify that the above samples have been analyzed by Phase Contrast Microscopy in accordance with the NIOSH 7400 method using the "A" Counting rules.*
PHOTOGRAPHS

Building 8135

[Images of various scenes within Building 8135, including workers and equipment.]
DAILY LOG

Job # 214175
TX 78642

Project Name: ABAF A South Enlargement

Supervisor: Luis Trevino

Date: 10.11.21

% of Job Complete (%)

Work Performed Today (Detail):
7:00 AAR supervisor & equipment crew arrive on site & sign in.
7:15: Begin to walk next building Space 1 to locate ace.
8:00: Ace in Space 1 cannot be reached without equipment. Building is skipped until press is available. Building 3135 is worked through then crew begins to prep splash guard, wheels & vents.
10:00: Crew then preps well in central nothing to divert from main area flow.
12:00: Break for lunch.
1:00: Return & crew continues to prep.
3:00: Begin to set up Shaver & leg area. Concrete 1 water tank is brought to building 3135.
5:00: Crew is ready for end of day. Crew Departs work site.

Problems - Delays:

Extra Work:

Next Daily Goal:

Weather:
Temp AM: PM:
Safety Meeting:

WORK FORCE
Preparation
Removal
Cleanup
Other (Specific)

SUBCONTRACTORS

CHECKLIST
Poly barriers airtight
Negative air pressure
Decon operational
Surfactant encap. pump
Air Monitoring
Double bagged & secure
Mets. distib. & secure
Facility Secure
Work area clean
Daily inventory
Vehicle Check
Equipment Check

EMPLOYEE
Training
Medical Exams
Respiratory Test

FIELD DOC.
Field Report
Payroll Report
Waste Manifest

PPE
% Mask
PAAPR
Suits
Boots
Gloves
Hard Hat
Safety Glass
**DAILY LOG**

**Job #: 71475**

**Tx 75142**

**Project Name:** Austin-Bergstrom International Airport

**Airport Expansion Development Program Environmental Assessment**

**Supervisor:**

**Date:** 10.12.21

### % of Job Complete


### Work Performed Today (Detail):

- 7:00: AHR supervisor & applicator crew convey site & sign in containment bag.
- 7:45: Generator is powered up & pressure feeds -23; crew suits-up & enters containment. I begin removal of slow ridge.
- 10:00: Begin removal of site & double bagging, then bag 
- 11:30: Complete removal of all mastic & visual is then performed.
- 12:30: Break for lunch.
- 1:30: Return and await clearance.
- 3:30: Clean up passes, crew cleans down & place all tools in one room.
- 5:30: Decont worksite.

### Problems - Delays:


### Extra Work:


### Next Daily Goal:


---

### Weather:

Temp AM: __ PM: __

Safety Meeting: __

---

### WORK FORCE

- Preparation
- Removal
- Cleanup
- Other (Specify): __

---

### SUBCONTRACTORS

---

### CHECKLIST

- Poly barriers airtight
- Negative air pressure
- Decon operational
- Surfactant encap, pump
- Air Monitoring
- Double bagged & secure
- Mats, distr.X, & secure
- Facility Secure
- Work area clean
- Daily inventory
- Vehicle Check
- Equipment Check

---

### EMPLOYEE

- Training
- Medical Exams
- Respiratory Test

---

### FIELD DOC.

- Field Report
- Payroll Report
- Waste Manifest

---

### PPE

- ¾ Mask
- PAPR
- Suits
- Boots
- Gloves
- Hard Hat
- Safety Glass
**DAILY LOG**

Job # 214175  
Tx 78842  

Project Name: **ABTA South campus abatement**  
6815  
Supervisor: **Luis. Trejo**  
Date: 10.14.21

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**Weather:**  
Temp AM:  
PM:  
Safety Meeting:  

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<td>Hard Hat</td>
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**Work Performed Today (Detail):**  
7:00 AAR supervisor & abatement crew arrive on site 1 sign in.  
7:10 Crew begins to prep rooms with black moisture on duct  
1. room 1 kitchen area above ceiling poly on floor 1 covered boxes  
items that are fans.  
10:00 Prep shower rooms  
12:00 Break for lunch  
1:00 Return & crew suits up 1 begin to remove black moisture on duct  
methods applied to control dust.  
2:00 Complete removal of black moisture on duct, crew bags up then  
leaves 1 haul to container.  
4:00 Area complete 1 work performed 9:20 12 1 circ 3 audits  
5:00 Tack down 1 depart work site.

**Problems/Delays:**

**Extra Work:**

**Next Daily Goal:**

---

*Signature:*
DAILY LOG

Job # 214175
Tx 78842

Project Name: ABIA South Campus Abatement

Supervisor: Luis J. Franco

Date: 10.15.21

% of Job Complete ( )

Weather:
Temp AM: ___ PM: ___
Safety Meeting: ___

WORK FORCE
Preparation
Removal
Cleanup
Other (Specific) __________

SUBCONTRACTORS

CHECKLIST
Poly barriers airtight
Negative air pressure
Decon operational
Surfactant encap. pump
Air Monitoring
Double bagged & secure
Mats. distrib. & secure
Facility Secure
Work area clean
Daily inventory
Vehicle Check
Equipment Check

EMPLOYEE
Training
Medical Exams
Respiratory Test

FIELD DOC.
Field Report
Payroll Report
Waste Manifest

PPE
¾ Mask
PAPR
Suits
Boots
Gloves
Hard Hat
Safety Vest

4-04-05

Austin-Bergstrom International Airport
Airport Expansion Development Program Environmental Assessment
# SIGN IN / OUT CONTAINMENT LOG

**DATE:** 10-11-21

**PROJECT:** Austin-Bergstrom International Airport  
Airport Expansion Development Program Environmental Assessment

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**PROJECT:** ABIA South Campus Attachment  
**JOB No.:** 214175

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**PROJECT:** ABIA South Campus Development  
**JOB No.: 214175**

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**JOB No.: 214175**

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SECTION 6

Building 8175

- Daily Observations
- Daily Air Sampling Log
- Final Clearance Air Sampling Log
- Laboratory Report(s)
- Photographs
- Contractor Daily Observations
- Contractor Daily Sign-In Sheets
06:40 Fercam rep, abatement supervisor and crew arrived job site.

06:50 Abatement supervisor had a safety meeting with the crew.

07:00 Fercam rep and supervisor walked around the work area in building 8175. Crew will continue with the removal pipe insulation.

07:10 Fercam rep calibrated area air monitoring pumps at 2lpm for removal of pipe insulation, in building 8175.

07:15 Abatement crew in PPE gear start removing pipe insulation in building 8175.

07:40 Fercam rep starts paperwork for the day.

09:00 Abatement crew in lift removing pipe insulation in building 8175.

10:00 Abatement crew continued removal of pipe insulation and bagging in building 8175.

12:00 Abatement crew went to lunch break.

12:55 Abatement crew came back from lunch break.

13:05 Abatement crew in PPE gear removing pipe insulation in building 8175.

14:30 Abatement crew removing pipe insulation in building 8175.

16:00 Fercam rep observed crew removing pipe insulation in building 8175.

16:45 Abatement crew stopped removal activities and decontaminate.

17:00 Abatement crew left the jobsite.
FERCAM GROUP

DAILY LOG

ABIA SOUTH CAMPUS ABATEMENT 3600 PRESIDENTIAL BLVD
START DATE 09/20/2021
PROJECT NUMBER 2007061

06:40 Fercam rep, a new abatement supervisor, Paul and crew arrived job site.
06:45 Abatement supervisor and the crew had a safety meeting.
06:50 Fercam rep inspected new supervisor and a new crew document.
07:00 Fercam rep and supervisor walked around the work area in building 8175.
    Crew remove pipe insulation in men’s rest room, parts storage room,
    inspection room, caulking and flashing on roof.
07:15 Fercam rep calibrated area air monitoring pumps at 2lpm for removal of pipe
    insulation, in building 8175.
07:30 Abatement crew removing pipe insulation in men’s restroom, building 8175.
07:40 Fercam rep starts paperwork for the day.
08:40 Abatement supervisor request for visual of men’s room. Visual of men’s
    room is good. Fercam rep collected all monitoring pumps.
09:00 Fercam rep calibrated area air monitoring pumps at 2lpm for removal of pipe
    insulation, inspection room in building 8175.
09:10 Abatement crew removing pipe insulation in inspection room, building
    8175.
10:30 Abatement supervisor request for Visual of inspection room. Visual of
    inspection room is good. Fercam rep collected all monitoring pumps.
10:40 Fercam rep calibrated area air monitoring pumps at 2lpm for removal of pipe
    insulation, parts storage room in building 8175.
10:45 Abatement crew start removal of pipe insulation in parts storage room,
    building 8175.
11:30 Abatement crew ran out of glove bag. Removal paused; supervisor went to get more glove bags.

11:50 Abatement crew went to lunch break.

12:50 Abatement crew came back from lunch break.

13:05 Abatement crew resumed removal of pipe insulation in parts storage room, building 8175 after more glove bags have arrived.

14:10 Abatement supervisor request for visual of parts storage room. Visual of storage room is good. Fercam rep collected all monitoring pumps.

14:20 Abatement crew encapsulate all rooms.

14:50 Fercam rep calibrated area air monitoring pumps at 14lpm for final clearance in building 8175.

15:35 Fercam rep calibrated up and down wind monitoring pumps for removal of caulking and roof flashing in building 8175 roof.

16:05 Abatement crew request for visual of removal on roof. Visual is good. Rep collected all up and down wind monitoring pumps.

16:22 Fercam rep collected area monitoring pumps for final clearance in building 8175.

16:35 Fercam rep prepping final clearance cassettes for sample readings

17:05 Fercam rep completed sample readings for final clearance. Sample readings are good. Clearance passed.

17:10 Abatement crew left the jobsite.
06:40 Fercam rep, abatement supervisor and crew arrived the job site.

06:50 Abatement supervisor had a safety meeting with the crew.

06:55 Fercam rep and supervisor did a walk around of work area and deliberate on work schedule. Crew will start prepping and do glove bag removal in rooms (3) with pipe insulation in building 8180.

07:10 Fercam rep calibrated area air monitoring pumps at 2lpm for prepping in building 8180. Fercam rep starts paperwork for the day.

08:30 Abatement crew prepping rooms with pipe insulation in building 8180.

08:40 Abatement supervisor request for inspection in building 8180. Inspection is good. Fercam rep collected all monitoring pumps for prepping.

08:50 Fercam rep calibrated area air monitoring pumps at 2lpm for removal of pipe insulation in building 8180, room 1, using glove bag methods.

09:10 Abatement crew starts glove bag removal of pipe insulation in building 8180 room 1.

09:35 Abatement supervisor request for visual of remove pipes in room 1. Visual is good. Fercam rep collected all area monitoring pumps.

09:42 Abatement supervisor request for visual of remove pipes in room 2. Visual is good. Fercam rep collected all area monitoring pumps.

09:55 Fercam rep calibrated area air monitoring pumps at 15lpm for final clearance in room 1.

10:10 Fercam rep calibrated area air monitoring pumps at 15lpm for final clearance in room 2.

10:30 Fercam rep calibrated area air monitoring pumps at 14lpm for baseline in building 8175.
FERCAM GROUP

10:40 Fercam rep calibrated area air monitoring pumps at 2lpm for glove bag removal in mechanical room in building 8180.

11:30 Abatement crew removing pipe insulation in mechanical room with glove bag.

11:55 Abatement crew went to lunch break.

12:03 Fercam rep collected all area air monitoring pumps for baseline in building 8175

12:50 Abatement crew came back from lunch break.

13:05 Abatement crew resumed glove bag removal in mechanical room, building 8180.

13:55 Abatement crew request for visual of mechanical room. Visual of mechanical room is good. Fercam rep collected all area monitoring pumps.

14:10 Fercam rep calibrated area air monitoring pumps at 15lpm for final clearance in mechanical room, building 8180.

14:30 Abatement crew cleaning building 8175 for prepping.

15:42 Fercam rep collected all area air monitoring pumps for final clearance in mechanical room in building 8180.

16:00 Abatement crew continue to clean building 8175.

16:50 Abatement crew stopped prepping in building 8175.

17:00 Abatement crew left jobsite.
06:45 Fercam rep, abatement supervisor and crew arrived the job site.

06:50 Abatement supervisor had a safety meeting with the crew.

07:00 Fercam rep and supervisor went over the day schedule. Abatement crew will remove roof flashing in building 8180 and thereafter move to building 8175.

07:15 Fercam rep calibrated up and down wind monitoring pumps at 2lpm for removal of roof flashing in building 8180.

07:35 Fercam rep starts paperwork for the day.

09:05 Abatement crew completed removal of roof flashing in first unit in building 8180. Fercam rep collected up and down wind monitoring pumps.

09:30 Fercam rep calibrated up and down wind monitoring pumps at 2lpm for removal of window caulking (front) in building 8175.

10:00 Fercam rep calibrated up and down wind monitoring pumps at 2lpm for removal of window caulking (side 1) in building 8175.

10:20 Fercam rep calibrated up and down wind monitoring pumps at 2lpm for removal of window caulking (side 2) in building 8175.

11:40 Abatement supervisor request for visual of removed window caulking in windows side 1 and 2. Visual of window caulking is good. Fercam rep collected all up and down monitoring pumps.

12:00 Abatement crew went to lunch break.

12:55 Abatement crew came back from lunch break.

13:10 Abatement crew resumed removal of caulking in front window in building 8175.
13:30 Fercam rep calibrated up and down wind monitoring pumps at 2lpm for removal of 3 windows caulking at the back of building 8175.

14:00 Fercam rep calibrated up and down wind monitoring pumps at 2lpm for removal of door glazing (2 doors) in building 8175.

14:25 Abatement supervisor request for visual of removed window caulking in the front. Visual of window caulking is good. Fercam rep collected all up and down monitoring pumps.

15:35 Abatement supervisor request for visual of removed 3 windows caulking in the back. Visual of 3 window caulking is good. Fercam rep collected all up and down monitoring pumps.

16:10 Abatement supervisor request for visual of removed 2 doors glazing. Visual of 2 doors glazing is good. Fercam rep collected all up and down monitoring pumps.

16:30 Abatement crew cleaning work area and picking up equipment and tools.

17:00 Abatement crew left the jobsite.
FERCAM GROUP

DAILY LOG

ABIA SOUTH CAMPUS ABATEMENT 3600 PRESIDENTIAL BLVD
START DATE 09/16/2021                                                                       PROJECT NUMBER    2007061

06:45 Fercam rep and abatement crew with supervisor arrived the job site.

06:50 Abatement supervisor and the crew had safety meeting.

07:05 Fercam rep and supervisor walk around building 8175. Crew will remove floor tiles and mastic using RFCI process. Crew will prep and supervisor is leasing a lift for removal in building 8175.

07:20 Fercam rep calibrated area air monitoring pumps at 2lpm for prepping utility room in building 8175.

07:40 Fercam rep calibrated area air monitoring pumps at 2lpm for prepping parts cleaning storage room in building 8175.

07:50 Fercam rep starts paperwork for the day.

08:00 Fercam rep calibrated area air monitoring pumps at 2lpm for removal of floor tiles and mastic using RFCI in utility room, building 8175.

08:25 Fercam rep calibrated area air monitoring pumps at 2lpm for removal of floor tiles and mastic using RFCI in parts storage room in building 8175.

09:00 Abatement supervisor request for visual of removed floor tiles in utility room.

09:10 Visual of removed floor tiles and mastic in utility room is good. Fercam rep collected all monitoring pumps. Crew encapsulate utility room.

09:20 Fercam rep calibrated area monitoring pumps at 14lpm for final clearance in utility room.

09:45 Abatement supervisor request for visual of removed floor tiles and mastic in parts storage room.
FERCAM GROUP

09:55 Visual of removed floor tiles and mastic in parts storage room is good. Fercam rep collected monitoring pumps. Crew encapsulate parts storage room.

10:30 Fercam rep calibrated area monitoring pumps at 14lpm for final clearance in parts storage room.

10:40 Fercam rep calibrated area air monitoring pumps at 2lpm for prepping south office room in building 8175.

10:53 Fercam rep collected area monitoring pumps for final clearance in utility room.

11:15 Fercam rep prepping utility room clearance cassettes for sample reading.

11:45 Fercam rep completes reading of utility room clearance cassettes. Clearance is good.

11:55 Abatement crew went to lunch break.

12:05 Fercam rep collected area monitoring pumps for final clearance in parts storage room.

12:50 Abatement crew came back from lunch.

13:10 Fercam rep calibrated area monitoring pumps at 2lpm for prepping mechanical room in building 8175.

13:23 Fercam rep calibrated area air monitoring pumps at 2lpm for removal of floor tiles and mastic using RFCI in south office, building 8175.

13:40 Fercam rep prepping parts storage final clearance cassettes for sample readings.

14:20 Fercam rep completed reading of parts storage room clearance cassettes. Sample reading of clearance cassettes is good.

14:35 Abatement supervisor request for visual of removed floor tiles and mastic in south office room, building 8175.

14:45 Visual of removed floor tiles and mastic in south office is good. Fercam rep collected monitoring pumps. Crew encapsulate south office room.
FERCAM GROUP

15:15 Fercam rep calibrated area monitoring pumps at 14lpm for final clearance in south office room.

16:10 Abatement crew completed prepping mechanical room in building 8175.

16:48 Fercam rep collected south office final clearance area air monitoring pumps.

17:00 Abatement crew left the jobsite.
DAILY LOG

ABIA SOUTH CAMPUS ABATEMENT 3600 PRESIDENTIAL BLVD
START DATE 09/16/2021                                                                       PROJECT NUMBER    2007061

06:40 Fercam rep and abatement supervisor and crew arrived at the job site.
06:55 Abatement supervisor and the crew did safety meeting.
07:00 Fercam rep and supervisor discussed the day work schedule. Crew will remove caulking and flashing on roof, second unit in building 8180 with lease lift. Crew will remove insulation pipes in the mechanical room and start prepping in building 8175.
07:15 Fercam rep calibrated area air up and down wind monitoring pumps at 2lpm for removal of caulking and flashing on roof in building 8180 using lift.
07:30 Fercam rep starts paperwork for the day.
08:00 Abatement supervisor request for visual of removed caulking and roof flashing in building 8180. Fercam rep collected monitoring pumps.
08:10 Abatement crew moved lift and equipment to building 8175.
08:30 Fercam rep calibrated area air monitoring pumps at 2lpm for removal of insulation pipes in mechanical room in building 8175.
08:35 Abatement crew start removal of pipe insulation in mechanical room.
08:45 Fercam rep calibrated area monitoring pumps at 2lpm for prepping in main building 8175 for pipe insulation removal using lift.
10:10 Abatement supervisor request for inspection of glove bag prepping. inspection is good. Fercam rep collected all monitoring pumps.
10:20 Fercam rep calibrated area air monitoring pumps at 2lpm for removal of pipe insulation inside main building 8175.
10:30 Abatement crew starts removal of pipe insulation inside main building 8175.
10:45 Abatement supervisor request for visual of mechanical room. Visual of mechanical is good. Crew encapsulate mechanical room. Rep collects pumps

11:30 Fercam rep calibrated mechanical room area air monitoring pumps for final clearance in building 8175.

11:55 Abatement crew went to lunch break.

11:50 Abatement crew came back from lunch break.

13:05 Fercam rep collected area monitoring pumps for mechanical room clearance.

13:10 Abatement crew resumed removal of pipe insulation in building 8175.

13:30 Fercam rep prepping mechanical room final clearance for sample readings.

14:00 Fercam rep completes clearance sample readings. Sample readings are good. Rep notifies supervisor of result of sample readings.

15:00 Abatement crew removing pipe insulations in building 8175.

16:00 Abatement crew continued with removal of pipe insulation in building 8175.

16:45 Abatement crew stopped removal of pipe insulation and decontaminate.

17:00 Abatement crew left the jobsite.
# Table 1

**DAILY AIR SAMPLING LOG – BY PCM ANALYSIS**

<table>
<thead>
<tr>
<th>PROJECT NAME:</th>
<th>South Campus Military Hangar Abatement Oversight</th>
<th>INSPECTION FIRM:</th>
<th>Fercam Group</th>
</tr>
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<tbody>
<tr>
<td>SITE ADDRESS:</td>
<td>3600 Presidential&lt;br&gt;Austin, Texas 78719</td>
<td>ASBESTOS CONSULTANT(S):</td>
<td>Fernando Yepez</td>
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<tr>
<td>AREA(S) ABATED:</td>
<td>15 Buildings, Interior and Exterior</td>
<td>DATE OF ABATEMENT:</td>
<td>August 16, 2021 – November 19, 2021</td>
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<table>
<thead>
<tr>
<th>Sample No.</th>
<th>Sample Type</th>
<th>Sample Location</th>
<th>Date</th>
<th>Air Volume (liters)</th>
<th>Quantification Limit (f/cc)</th>
<th>Fiber Concentration (f/cc)</th>
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</thead>
<tbody>
<tr>
<td>LS-0251</td>
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<td>Building 8175</td>
<td>9/13/2021</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
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<tr>
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<td>Building 8175</td>
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<td>N/A</td>
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<tr>
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<tr>
<td>LS-0254</td>
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<td>9/13/2021</td>
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<td>LS-0257</td>
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<tr>
<td>LS-0277</td>
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<td>LS-0278</td>
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<td>-0.115</td>
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</tbody>
</table>

**LEGEND**

A = Abatement  
BL = Baseline  
FC = Final Clearance  
N/A = Not Applicable  
f/cc = fibers per cubic centimeter  
PCM = Phase Contrast Microscopy  
PW = Preparation Work
# Table 1
## DAILY AIR SAMPLING LOG – BY PCM ANALYSIS

<table>
<thead>
<tr>
<th>Sample No.</th>
<th>Sample Type</th>
<th>Sample Location</th>
<th>Date</th>
<th>Air Volume (liters)</th>
<th>Quantification Limit (f/cc)</th>
<th>Fiber Concentration (f/cc)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LS-0281</td>
<td>BLANK</td>
<td>Building 8175, Side 1</td>
<td>9/14/2021</td>
<td>N/A</td>
<td>N/A</td>
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<tr>
<td>LS-0282</td>
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<td>Building 8175, Side 1</td>
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<tr>
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<td>N/A</td>
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</tr>
</tbody>
</table>

**LEGEND**
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A P P E N D I X  G

Austin-Bergstrom International Airport
Airport Expansion Development Program Environmental Assessment

G-92
**Table 1**

**DAILY AIR SAMPLING LOG – BY PCM ANALYSIS**

<table>
<thead>
<tr>
<th>Sample No.</th>
<th>Sample Type</th>
<th>Sample Location</th>
<th>Date</th>
<th>Air Volume (liters)</th>
<th>Quantification Limit (f/cc)</th>
<th>Fiber Concentration (f/cc)</th>
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<tbody>
<tr>
<td>LS-0291</td>
<td>Sample_TypeUP WIND, Caulking/ Flashing</td>
<td>Building 8175, Windows</td>
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<td>LS-0295</td>
<td>Sample_TypeUP WIND, Caulking/ Flashing</td>
<td>Building 8175, Doors</td>
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<td>1.002</td>
</tr>
</tbody>
</table>

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Airport Expansion Development Program Environmental Assessment
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<th>Quantification Limit (f/cc)</th>
<th>Fiber Concentration (f/cc)</th>
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</table>

LEGEND
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<th>Sample No.</th>
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<th>Quantification Limit (f/cc)</th>
<th>Fiber Concentration (f/cc)</th>
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<td>0.013</td>
<td>0.003</td>
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<tr>
<td>LS-0343</td>
<td>Sample_TypeOUTSIDE WORK AREA, Caulking/ Pipe Insulation Removal</td>
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<td>258</td>
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<td>Sample_TypeINSIDE WORK AREA - 1, Caulking/ Pipe Insulation Removal</td>
<td>Building 8175, Main Room</td>
<td>9/16/2021</td>
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<td>258</td>
<td>0.007</td>
<td>1.002</td>
</tr>
<tr>
<td>LS-0348</td>
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</tbody>
</table>

**LEGEND**
- A = Abatement
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- PCM = Phase Contrast Microscopy
- PW = Preparation Work
## Table 1
**DAILY AIR SAMPLING LOG – BY PCM ANALYSIS**

<table>
<thead>
<tr>
<th>PROJECT NAME:</th>
<th>South Campus Military Hangar Abatement Oversight</th>
</tr>
</thead>
</table>
| SITE ADDRESS: | 3600 Presidential  
Austin, Texas  78719 |
| INSPECTION FIRM: | Fercam Group |
| ASBESTOS CONSULTANT(S): | Fernando Yepez |
| AREA(S) ABATED: | 15 Buildings, Interior and Exterior |
| DATE OF ABATEMENT: | August 16, 2021 – November 19, 2021 |

<table>
<thead>
<tr>
<th>Sample No.</th>
<th>Sample Type</th>
<th>Sample Location</th>
<th>Date</th>
<th>Air Volume (liters)</th>
<th>Quantification Limit (f/cc)</th>
<th>Fiber Concentration (f/cc)</th>
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<tbody>
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<td>LS-0350</td>
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<td>LS-0351</td>
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<tr>
<td>LS-0352</td>
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<td>1.002</td>
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<td>LS-0357</td>
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<td>N/A</td>
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</tbody>
</table>

**LEGEND**
- **A** = Abatement  
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Austin-Bergstrom International Airport  
Airport Expansion Development Program Environmental Assessment

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## Table 1
### DAILY AIR SAMPLING LOG – BY PCM ANALYSIS

<table>
<thead>
<tr>
<th>Sample No.</th>
<th>Sample Type</th>
<th>Sample Location</th>
<th>Date</th>
<th>Air Volume (liters)</th>
<th>Quantification Limit (f/cc)</th>
<th>Fiber Concentration (f/cc)</th>
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</thead>
<tbody>
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<td>9/17/1921</td>
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</tbody>
</table>

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**DAILY AIR SAMPLING LOG – BY PCM ANALYSIS**

<table>
<thead>
<tr>
<th>Sample No.</th>
<th>Sample Type</th>
<th>Sample Location</th>
<th>Date</th>
<th>Air Volume (liters)</th>
<th>Quantification Limit (f/cc)</th>
<th>Fiber Concentration (f/cc)</th>
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</thead>
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<td>Building 8175, Inspection Room</td>
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<td>Building 8175, Outside Work Area</td>
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</table>

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---

South Campus Military Hangar Abatement Oversight

3600 Presidential
Austin, Texas 78719

ASBESTOS CONSULTANT(S): Fernando Yepez

AREA(S) ABATED: 15 Buildings, Interior and Exterior

DATE OF ABATEMENT: August 16, 2021 – November 19, 2021

---

Austin-Bergstrom International Airport
Airport Expansion Development Program Environmental Assessment

G-98
Table 2
FINAL CLEARANCE AIR SAMPLING LOG – BY PCM ANALYSIS

<table>
<thead>
<tr>
<th>Sample No.</th>
<th>Sample Type</th>
<th>Sample Location</th>
<th>Date</th>
<th>Air Volume (liters)</th>
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<td>1.001</td>
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</table>

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**Table 2**  
**FINAL CLEARANCE AIR SAMPLING LOG – BY PCM ANALYSIS**

<table>
<thead>
<tr>
<th>Sample No.</th>
<th>Sample Type</th>
<th>Sample Location</th>
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<th>Air Volume (liters)</th>
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<th>Fiber Concentration (f/cc)</th>
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<tr>
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<td>FINAL CLEARANCE - 3 SOUTH WEST</td>
<td>Building 8175, South Office Room</td>
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PCM = Phase Contrast Microscopy  
PW = Preparation Work
# Table 2

**Final Clearance Air Sampling Log – By PCM Analysis**

<table>
<thead>
<tr>
<th>Sample No.</th>
<th>Sample Type</th>
<th>Sample Location</th>
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<th>Quantification Limit (f/cc)</th>
<th>Fiber Concentration (f/cc)</th>
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<td>LS-0391</td>
<td>FINAL CLEARANCE - 4</td>
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<td>0.001</td>
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</tr>
</tbody>
</table>

**Legend**

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## AIR MONITORING DATA FORM

**Project Name:** ABIA SOUTH CAMPUS ABATEMENT  
**Location:** 3601 PRESIDENTIAL BLVD TRAVIS AUSTIN  
**Project Manager:** LADI SODIPE  
**Project No.:** 2007061

**Date:** 13-Sep-2021  
**Client:** CITY OF AUSTIN  
**Activity:** AIR MONITORING  
**LOCATION:** BUILDING 8175

### Sample Analysis

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<th>Description</th>
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<th>Stop Time</th>
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<th>Volume (VOL)</th>
<th># of Fibers</th>
<th>CV*</th>
<th>LOQ*</th>
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<th>Fiber Conc, (f/cc)</th>
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<th>Reported Fiber conc. (f/cc)</th>
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* CV = Coefficient Of Variation (See table)  
**BR = Barrier  
CR = Clean Room  
IWA = Inside Work Area  
PS = Personnel  
BL = Base Line  
FC = Final Clearance  
NAM = Negative Air Machine  
QCB = Quality Control Blank

I hereby certify that the above samples have been analyzed by Phase Contrast Microscopy in accordance with the NIOSH 7400 method using the "A" Counting rules.

**Contractor:** AAR Incorporated  
**Supervisor's Name:** LUIS TREVINO  
**No. of Workers:** 6  
**PPE Used:** YES  
**Analyst:** (Print Name) LADI SODIPE  
**Signature:** ladi sodipe

---

**APPENDIX G**  
Austin-Bergstrom International Airport  
Airport Expansion Development Program Environmental Assessment  
G-102
# AIR MONITORING DATA FORM

**Project Name:** ABIA SOUTH CAMPUS ABATEMENT  
**Location:** 3601 PRESIDENTIAL BLVD TRAVIS AUSTIN  
**Client:** CITY OF AUSTIN  
**Activity:** CAULKING/FLASHING REMOVAL  
**Location:** BLDGS. 8175  

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<th>LOQ*</th>
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</table>

* CV = Coefficient Of Variation (See table)
** BR = Barrier, CR = Clean Room, IWA = Inside Work Area, PS = Personnel
BL = Base Line, FC = Final Clearance, NAM = Negative Air Machine, QCB = Quality Control Blank

I hereby certify that the above samples have been analyzed by Phase Contrast Microscopy in accordance with the NIOSH 7400 method using the "A" Counting rules.

Contractor: AAR INCORPORATED
Supervisor’s Name: LUIS
No. of Workers: 6
PPE Used: YES

Analyst: (Print Name) LADI SODIPE
Signature: ladi sodipe
# AIR MONITORING DATA FORM

**Project Name:** ABIA SOUTH CAMPUS ABATEMENT  
**Location:** 3601 PRESIDENTIAL BLVD TRAVIS AUSTIN  
**Project Manager:** LADI SODIPE  
**Project No.:** 2007061  

**Date:** 15-Sep-2021  
**Client:** CITY OF AUSTIN  
**Activity:** AIR MONITORING  
**Location:** FLOOR TILES/MASTIC REMOVAL  

### Location: BLDGS. 8175

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** BR = Barrier  
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FC = Final Clearance  
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**Contractor:** AAR Incorporated  
**Supervisor’s Name:** LUIS  
**No. of Workers:** 6  
**PPE Used:** YES  

AAR INCORPORATED

**Analyst:** (Print Name) LADI SODIPE  
**Signature:** ladi sodipe
## AIR MONITORING DATA FORM

**Project Name:** ABIA SOUTH CAMPUS ABATEMENT  
**Location:** 3601 PRESIDENTIAL BLVD TRAVIS AUSTIN  
**Client:** CITY OF AUSTIN  
**Project Manager:** LADI SODIPE  
**Project No.:** 2007061

### FINAL CLEARANCE

**LOCATION:** BLDG. 8175

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<th>Stop Time</th>
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<th>Volume (VOL)</th>
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<th>LOQ*</th>
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<th>Reported Fiber conc. (f/cc)</th>
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* CV = Coefficient Of Variation (See table)  
**BR = Barrier  
CR = Clean Room  
IWA = Inside Work Area  
PS = Personnel  
BL = Base Line  
FC = Final Clearance  
NAM = Negative Air Machine  
QCB = Quality Control Blank  
I hereby certify that the above samples have been analyzed by Phase Contrast Microscopy in accordance with the NIOSH 7400 method using the "A" Counting rules.

**Contractor:** AAR Incorporated  
**Supervisor’s Name:** LUIS TREVINO  
**No. of Workers:** 6  
**PPE Used:** YES  
**Analyst:** (Print Name) LADI SODIPE  
**Signature:** ladi sodipe
## FERCAM GROUP

### AIR MONITORING DATA FORM

**Project Name:** ABIA SOUTH CAMPUS ABATEMENT  
**Location:** 3601 PRESIDENTIAL BLVD TRAVIS AUSTIN  
**Project Manager:** LADI SODIPE  
**Project No.:** 2007061

**Date:** 16-Sep-2021  
**Client:** CITY OF AUSTIN  
**Activity:** AIR MONITORING CAULKING/PIPE INSULATION REMOVAL  
**Location:** BLDGS. 8175

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<th>LOQ* (f/cc)</th>
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<th>95% upper Con limit</th>
<th>Reported Fiber conc. (f/cc)</th>
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* CV = Coefficient Of Variation (See table)  **BR = Barrier  LOQ = 4.9044 / VOL  
BL = Base Line  CR = Clean Room  FC = Final Clearance  
IWA = Inside Work Area  NAM = Negative Air Machine  QCB = Quality Control Blank  

I hereby certify that the above samples have been analyzed by Phase Contrast Microscopy in accordance with the NIOSH 7400 method using the "A" Counting rules.

**Contractor:** AAR INCORPORATED  
**Supervisor’s Name:** LUIS  
**No. of Workers:** 8  
**PPE Used:** YES  
**Analyst:** (Print Name) LADI SODIPE  
**Signature:** ladi sodipe

---

**APPENDIX G**

Austin-Bergstrom International Airport  
Airport Expansion Development Program Environmental Assessment  
G-107
## AIR MONITORING DATA FORM

**Date:** 16-Sep-2021  
**Location:** 3601 PRESIDENTIAL BLVD TRAVIS AUSTIN  
**Client:** CITY OF AUSTIN  
**Project Manager:** LADI SODIPE  
**Activity:** AIR MONITORING  
**Project No.:** 2007061  
**Location:** BLDG. 8175

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<th>Blank Count</th>
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<th>Volume (VOL)</th>
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</table>

* CV = Coefficient Of Variation (See table)  
**BR = Barrier  
CR = Clean Room  
IWA = Inside Work Area  
NAM = Negative Air Machine  
PS = Personnel  
QCB = Quality Control Blank  
BL = Base Line  
Thereby certify that the above samples have been analyzed by Phase Contrast Microscopy in accordance with the NIOSH 7400 method using the "A" Counting rules.

**Contractor:** AAR Incorporated  
**Supervisor’s Name:** LUIS TREVINO  
**No. of Workers:** 8  
**PPE Used:** YES  
**Analyst:** (Print Name) LADI SODIPE  
**Signature:** ladi sodipe

---

**してご紹介する文書**

**製作日:** 16-Sep-2021  
**場所:** 3601 PRESIDENTIAL BLVD TRAVIS AUSTIN  
**発注者:** CITY OF AUSTIN  
**プロジェクトマネージャー:** LADI SODIPE  
**活動:** AIR MONITORING  
**プロジェクト番号:** 2007061  
**場所:** BLDG. 8175

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**BR = Barrier  
CR = Clean Room  
IWA = Inside Work Area  
NAM = Negative Air Machine  
PS = Personnel  
QCB = Quality Control Blank  
BL = Base Line  

**契約者:** AAR Incorporated  
**監督者:** LUIS TREVINO  
**従業員数:** 8  
**PPE使用:** YES  
**アナリスト:** (Print Name) LADI SODIPE  
**署名:** ladi sodipe
**Listener: AIR MONITORING DATA FORM**

**Date:** 16-Sep-2021  
**Location:** 3601 PRESIDENTIAL BLVD TRAVIS AUSTIN

**Sample Number** | **Activity/Location/Name/SS#** | **Flow Rate** | **Start Time** | **Stop Time** | **Blank Count** | **Total Time (MINS)** | **Volume (VOL)** | **# of Fibers** | **CV** | **LOQ** | **Fiber Density (f/mm)** | **Fiber Density (f/cc)** | **95% upper Con limit** | **Reported Fiber conc. (f/cc)**
---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---
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LS-0362 FIELD BLANK | - | - | - | - | - | - | 100 | - | - | - | - | - | - | - | - | -
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LS-0364 FINAL CLEARANCE - 2 SOUTH EAST | 14.0 | 11:32 | 13:06 | - | 94 | 1,316 | 1 | 100 | 0.450 | 0.004 | 1.27 | 0.000 | 0.001 | 1.001 |
LS-0365 FINAL CLEARANCE - 3 SOUTH | 14.0 | 11:34 | 13:07 | - | 93 | 1,302 | 1 | 100 | 0.450 | 0.004 | 1.27 | 0.000 | 0.001 | 1.001 |

* CV = Coefficient Of Variation (See table)  
**BR = Barrier  
CR = Clean Room  
IWA = Inside Work Area  
PS = Personnel  
FL = Base Line  
FC = Final Clearance  
NAM = Negative Air Machine  
QCB = Quality Control Blank

I hereby certify that the above samples have been analyzed by Phase Contrast Microscopy in accordance with the NIOSH 7400 method using the "A" Counting rules.

**Contractor:** AAR Incorporated  
**Supervisor’s Name:** LUIS TREVINO  
**No. of Workers:** 8  
**PPE Used:** YES

**Analyst:** (Print Name) LADI SODIPE  
**Signature:** ladi sodipe

**Location:** BLDG. 8175

---

**APPENDIX G**

Austin-Bergstrom International Airport  
Airport Expansion Development Program Environmental Assessment  

**G-109**
<table>
<thead>
<tr>
<th>Sample Number</th>
<th>Description</th>
<th>Flow Rate</th>
<th>Start Time</th>
<th>Stop Time</th>
<th>Blank Count</th>
<th>Total Time (MINS)</th>
<th>Volume (VOL)</th>
<th># of Fibers</th>
<th>Fields</th>
<th>CV*</th>
<th>LOQ*</th>
<th>Fiber Density (f/mm)</th>
<th>Fiber Conc, (f/cc)</th>
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</tbody>
</table>

* CV = Coefficient Of Variation (See table)  **BR = Barrier  BL = Base Line  LOQ = 4.9044 / VOL
CR = Clean Room  FC = Final Clearance  IWA = Inside Work Area  NAM = Negative Air Machine
I hereby certify that the above samples have been analyzed by Phase Contrast Microscopy in accordance with the NIOSH 7400 method using the "A" Counting rules.

Contractor:  AAR Incorporated  Supervisor’s Name:  LUIS TREVINO
No. of Workers:  8  PPE Used:  YES  Analyst: (Print Name)  LADI SODIPE
Signature:  ladi sodipe
## AIR MONITORING DATA FORM

**Project Name:** ABIA SOUTH CAMPUS ABATEMENT  
**Location:** 3601 PRESIDENTIAL BLVD TRAVIS AUSTIN  
**Project Manager:** LADI SODIPE  
**Project No.:** 2007061

**Activity:** AIR MONITORING  
**Description:** PIPE INSULATION REMOVAL  
**Location:** BLDG. 8175-PARTS/MEN'S/INSPECTION RM

<table>
<thead>
<tr>
<th>Sample Number</th>
<th>Description</th>
<th>Flow Rate</th>
<th>Start Time</th>
<th>Stop Time</th>
<th>Blank Count</th>
<th>Total Time (MIN)</th>
<th>Volume (VOL)</th>
<th># of Fibers</th>
<th>Fields</th>
<th>CV*</th>
<th>LOQ*</th>
<th>Fiber Density (f/mm)</th>
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</tbody>
</table>

* CV = Coefficient Of Variation (See table)  
**BR = Barrier  
CR = Clean Room  
IWA = Inside Work Area  
PS = Personnel  
BL = Base Line  
FC = Final Clearance  
IWA = Inside Work Area  
NAM = Negative Air Machine  
QCB = Quality Control Blank

I hereby certify that the above samples have been analyzed by Phase Contrast Microscopy in accordance with the NIOSH 7400 method using the "A" Counting rules.

Contractor: AAR Incorporated  
Supervisor's Name: LUIS TREVINO  
No. of Workers: 5  
PPE Used: YES  
Analyst: LADI SODIPE  
Signature: ladi sodipe
<table>
<thead>
<tr>
<th>Sample Number</th>
<th>Description</th>
<th>Flow Rate</th>
<th>Start Time</th>
<th>Stop Time</th>
<th>Blank Count</th>
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<th>Volume (VOL)</th>
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<th>LOQ</th>
<th>Fiber Density (f/mm)</th>
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<td>0.004</td>
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</table>

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Contractor: AAR Incorporated
Supervisor's Name: LUIS TREVINO
No. of Workers: 5
PPE Used: YES

Analyzer: (Print Name) LADI SODIPE
Signature: ladi sodipe
**DAILY LOG**

Job # 214175  
Tx 735642  

Project Name: ABIA South Campus Elevation  

Supervisor: Luis Trejo  
Date: 9-13-21  

% of Job Complete (  )  

| Work Performed Today (Detail): | 7:00 AAR Supervisor & foreman arrive on site  
7:10 Crew begins to prep glove bags on pipe insulation w/ waterproof in building 210.  
9:00 Complete prep of glove bags & drape cloth over pipe. Crew begins removal of pipe insulation & glove bags & methods applied. Container on site is super-  
11:45: Back shopping cart & load any bags from glove bags to container  
12:00: Break for lunch  
1:00: Return to continue glove bag removal.  
3:00: Crew begins to clean pathway under pipe insulation in building 210.  
5:00: Complete clearing path. Depart worksite.  |

Problems/Delays:  

Extra Work:  

Next Daily Goal:  

---  

**WORKFORCE**  

- Preparation  
- Removal  
- Cleanup  
- Other (specific)  

---  

**CHECKLIST**  

- Poly barriers airlift  
- Negative air pressure  
- Decon operational  
- Surfactant encap. pump  
- Air Monitoring  
- Double bagged & secure  
- Mats, distr. & secure  
- Facility Secure  
- Work area clean  
- Daily inventory  
- Vehicle Check  
- Equipment Check  

---  

**EMPLOYEE**  

- Training  
- Medical Exams  
- Respiratory Test  

---  

**FIELD DOC.**  

- Field Report  
- Payroll Report  
- Waste Manifest  

---  

**PPE**  

- 1/2 Mask  
- PAPR  
- Suits  
- Boots  
- Gloves  
- Hard Hat  
- Safety Glass  

---  

*Austin-Bergstrom International Airport  
Airport Expansion Development Program Environmental Assessment*
### Daily Log

**Job #** 21475  
**Project Name:** ABIA South Campus Expansion  
**Supervisor:** Luis Invino  
**Date:** 9.14.21

<table>
<thead>
<tr>
<th>% of Job Complete ( )</th>
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</thead>
</table>

**Work Performed Today (Detail):**

- 7:00 AAR supervisor & expansion crew arrives on site & signs in.
- 7:10 Crew begins to prep poly under coffered area & vent on SE wall.
- 7:30 Crew suits up & begins removal of cover & vent frame on SE wall of block 3.
- 9:00 Complete SE vent & expansion crew then moves back to 2175.
- 10:15 Begin removing glazing from windows. Wet methods applied.
- 11:45 Completed 3 windows of 5 with window glazing. Glazing is double bagged & placed on poly.
- 12:00 Break for lunch.
- 1:00 Crew is suited & continue window glazing.
- 2:00 Completed 4 window glazing. Crew then prep under window 9 for door to remove cover.
- 3:00 Crew is blocked windows begins to be removed at cover.
- 4:45 Complete work removal of black window. 4 exterior doors on glass sheets removed. 1 glass sheet replaced.
- 5:00 Depart work site.

**Problems/Delays:**

**Extra Work:**

**Next Daily Goal:**

---

### Work Force

<table>
<thead>
<tr>
<th>No.</th>
<th>Preparation</th>
<th>Removal</th>
<th>Cleanup</th>
<th>Other (Specific)</th>
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</thead>
</table>

### subcontractors

### Checklist

- Poly barriers airtight
- Negative air pressure
- Decon operational
- Surfactant encap. pump
- Air Monitoring
- Double bagged & secure
- Mats. distrib. & secure
- Facility Secure
- Work area clean
- Daily inventory
- Vehicle Check
- Equipment Check

### Employee

- Training
- Medical Exams
- Respiratory Test

### Field Doc.

- Field Report
- Payroll Report
- Waste Manifest

### PPE

- 3/4 Mask
- PAPR
- Suits
- Boots
- Gloves
- Hard Hat
- Safety Glass
### DAILY LOG

**Job #** 214175  
**Tx 78642**

**Project Name:** ABIA South Campus Abatement  
**Supervisor:** Luis Truino  
**Date:** 9-15-21

<table>
<thead>
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<th>% of Job Complete ( )</th>
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<tbody>
<tr>
<td>Work Performed Today (Detail):</td>
<td></td>
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<tr>
<td>7:00: AAR supervisor &amp; abatement crew arrive on site &amp; sign in.</td>
<td></td>
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<tr>
<td>7:10: Crew begins to clean out rooms, office, supply room, put cleaning room &amp; prep splash guard for bldg 8175</td>
<td></td>
</tr>
<tr>
<td>8:00: Complete prep. Crew begins to RFCI using heat gun &amp; removing tiles.</td>
<td></td>
</tr>
<tr>
<td>10:00: Complete RFCI at all rooms. 1 removed at office located only in utility room. All waste is hauled to container.</td>
<td></td>
</tr>
<tr>
<td>12:00: Break for lunch</td>
<td></td>
</tr>
<tr>
<td>1:00: Return &amp; crew prep's glue bag in mechanical room for bldg 8175</td>
<td></td>
</tr>
<tr>
<td>4:00: Complete prep at gluebag in mechanical room. Crew began to seal tiles.</td>
<td></td>
</tr>
<tr>
<td>Sna. Decontamination</td>
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</table>

**Problems/Delays:**

**Extra Work:**

**Next Daily Goal:**

---

**Weather:**

**Temp AM:**

**PM:**

**Safety Meeting:**

---

**WORK FORCE**

- Preparation
- Removal
- Cleanup
- Other (Specific)

---

**SUBCONTRACTORS**

---

**CHECKLIST**

- Poly barriers airtight
- Negative air pressure
- Decon operational
- Surfactant encaps. pump
- Air Monitoring
- Double bagged & secure
- Mats, distrib. & secure
- Facility Secure
- Work area clean
- Daily inventory
- Vehicle Check
- Equipment Check

---

**EMPLOYEE**

- Training
- Medical Exams
- Respiratory Test

---

**FIELD DOC.**

- Field Report
- Payroll Report
- Waste Manifest

---

**PPE**

- 1/2 Mask
- PAPR
- Suits
- Boots
- Gloves
- Hard Hat
- Safety Glass

---

*Austin-Bergstrom International Airport  
Airport Expansion Development Program Environmental Assessment*
Work Performed Today (Detail): 7:00 AAR supervisor & abatement crew arrive on site & sign in.

7:10 Few began removal of pipe insulation in mezzanine area as others used Sissor lift to hang glove bags along wall of atrium west/south

8:00 Complete removal of pipe insulation in mezzanine area. All sump bags are loaded in contractor’s contractor prep/hanging glove bags

12:00 Break for lunch

1:00 Return, 2 suit up & begin to remove pipe insulation along west/south wall using Sissor lift, whose prep is complete

3:00 Complete removal of insulation in west/south visitors is performed then crew dons the bag’s given bag & head to container

4:00 Work area is clean & crew changes lift for day

5:00 Depart worksite

Problems/Delays:

Extra Work:

Next Daily Goal:

Weather: 
Temp AM: PM: 
Safety Meeting:

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G-116
DAILY LOG

Job # 214175
Tx 75642

Project Name: ABIA South Campus Abatement

Supervisor: Luis Ibarra
Date: 9.17.21

% of Job Complete ( )

Work Performed Today (Detail): 7:00 AAR supervisor & abatement crew arrive on site & sign in.
7:10 Crew is suited & begin to prep gusset bag on North East wall using sissor lift to reach pipes. Osha prep drop cloth under pipes.
10:00 Completed prep of gusset bags on all pipe that needs sissor lift for removal. Guys begin to remove pipe insulation in gusset bag. Wet methods vacuum used.
11:45 Reach staging area & double bag removed gusset bags.
12:00 Break for lunch
1:00 Return & continue to remove pipe insulation in gusset bag

3:00 Completed removing all pipe insulation along walls of building.
Crew double bags gusset bag, labile, then head to container.
4:00 Depart worksite.

Problems - Delays:

Extra Work:

Next Daily Goal:

Weather:
Temp AM__ PM__
Safety Meeting:

WORK FORCE
Preparation
Removal
Cleanup
Other (Specific)

SUBCONTRACTORS

CHECKLIST
Poly barriers airtight
Negative air pressure
Decon operational
Surfactant encaps. pump
Air Monitoring
Double bagged & secure
Mats. distrib. & secure
Facility Secure
Work area clean
Daily inventory
Vehicle Check
Equipment Check

EMPLOYEE
Training
Medical Exams
Respiratory Test

FIELD DOC.
Field Report
Payroll Report
Waste Manifest

PPE
Zip Mask
PAPR
Suits
Boots
Gloves
Hard Hat
Safety Glass

G-117
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## SIGN IN / OUT CONTAINMENT LOG

**DATE:** 9/15/21  
**SUPERINTENDENT:**  
**PROJECT:** AREA South Campus Abatement  
**JOB No.:** 214175

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## SIGN IN / OUT CONTAINMENT LOG

**DATE:** 9.17.21  
**SUPERINTENDENT:**  
**PROJECT:** ABIA South Campus Obstruction  
**JOB No.:**

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SECTION 7

Building 8180

- Daily Observations
- Daily Air Sampling Log
- Final Clearance Air Sampling Log
- Laboratory Report(s)
- Photographs
- Contractor Daily Observations
- Contractor Dailly Sign-In Sheets
06:45 Fercam rep and abatement crew with the supervisor arrived at the job site.
06:55 Abatement supervisor and the crew conducted safety meeting.
07:00 Fercam rep and supervisor inspect the encapsulated containment. Crew will start prepping 8185 while Fercam rep runs clearance in building 8215.
07:20 Abatement crew starts prepping building 8185.
07:30 Fercam rep calibrated area air monitoring pumps at 14lpm for final clearance in building 8215.
08:00 Fercam rep starts paperwork for the day.
09:03 Fercam rep collected all area monitoring for final clearance in building 8215.
09:15 Fercam rep preparing final clearance cassettes for sample readings.
09:45 Fercam rep completes clearance sample readings. Sample reading is good.
10:00 Abatement crew tearing down containment in building 8215.
11:00 Abatement crew continued with prepping in building 8185.
11:55 Abatement crew went to lunch break.
12:50 Abatement crew came back from lunch break.
13:00 Abatement crew resumed prepping in building 8185.
13:15 Fercam rep calibrated area monitoring pumps for baseline in building 8180.
13:40 Abatement supervisor request for inspection of containment. Inspection of containment is good.
14:05 Abatement crew in PPE gear entered containment to begin removal of floor tiles and mastic in building 8185. Negative pressure at -0.032.
FERCAM GROUP

14:45 Fercam rep collected area monitoring pumps for baseline in building 8180.
15:00 Abatement crew removing floor tiles and mastic in building 8185.
15:30 Abatement supervisor request visual of containment.
15:40 Fercam rep and abatement supervisor entered containment for visual. Visual of containment is good, Fercam rep collected all monitoring pumps.
15:50 Abatement crew (2) removing caulking on windows.
16:00 Abatement crew encapsulating containment in building 8185.
16:30 Abatement crew showered and exit containment.
17:00 Abatement crew left the jobsite.
FERCAM GROUP

DAILY LOG

ABIA SOUTH CAMPUS ABATEMENT 3600 PRESIDENTIAL BLVD
START DATE 09/10/2021                                                                       PROJECT NUMBER 2007061

06:50 Fercam rep and abatement crew arrived at the job site.
06:55 Abatement supervisor did a safety meeting with the crew.
07:00 Fercam rep and supervisor inspect the encapsulated containment in building 8185. Crew will start prepping 8180 while Fercam rep will runs final clearance in building 8185.
07:15 Fercam rep calibrated area air monitoring pumps at 14lpm for final clearance in building 8185.
07:18 Abatement crew mobilize equipment to starts prepping building 8180.
07:35 Fercam rep starts paperwork for the day.
08:30 Abatement crew prepping in building 8180.
08:49 Fercam rep collected all area monitoring for final clearance in building 8185.
09:10 Fercam rep preparing final clearance cassettes for sample readings.
09:45 Fercam rep completes clearance sample readings. Sample reading is good.
10:00 Fercam rep notified abatement supervisor to tear down containment.
10:30 Abatement supervisor request for visual of containment in building 8180. Visual of containment is good. Fercam rep collected all monitoring pumps.
10:45 Fercam rep calibrated area monitoring pumps at 2lpm for removal of floor tiles and mastic in building 8180.
11:50 Abatement crew went to lunch break.
12:50 Abatement crew came back from lunch break.
13:05 Abatement crew resumed removal of floor tiles and mastic in building 8180.
13:40 Abatement supervisor request visual of containment.
FERCAM GROUP

13:45 Fercam rep and abatement supervisor entered containment for visual. Visual of containment is good, Fercam rep collected all area air monitoring pumps.

13:50 Abatement crew encapsulating containment in building 8180.

14:30 Fercam rep calibrated area air monitoring pumps at 2lpm for final clearance in building 8180.

15:10 Abatement crew removing caulking and glazing on windows in building 8180.

16:00 Fercam rep collected all area air monitoring pumps for final clearance in building 8180.

16:15 Fercam rep prepping final clearance cassettes for sample readings.

16:45 Fercam rep completed readings of clearance cassettes. Clearance passed. Containment is ready for tear down.

16:50 Abatement crew completed removal of caulking and glazing in building 8180.

17:00 Abatement crew left the jobsite.
06:40 Fercam rep, abatement supervisor and crew arrived the job site.

06:50 Abatement supervisor had a safety meeting with the crew.

06:55 Fercam rep and supervisor did a walk around of work area and deliberate on work schedule. Crew will start prepping and do glove bag removal in rooms (3) with pipe insulation in building 8180.

07:10 Fercam rep calibrated area air monitoring pumps at 2lpm for prepping in building 8180. Fercam rep starts paperwork for the day.

08:30 Abatement crew prepping rooms with pipe insulation in building 8180.

08:40 Abatement supervisor request for inspection in building 8180. Inspection is good. Fercam rep collected all monitoring pumps for prepping.

08:50 Fercam rep calibrated area air monitoring pumps at 2lpm for removal of pipe insulation in building 8180, room 1, using glove bag methods.

09:10 Abatement crew starts glove bag removal of pipe insulation in building 8180 room 1.

09:35 Abatement supervisor request for visual of remove pipes in room 1. Visual is good. Fercam rep collected all area monitoring pumps.

09:42 Abatement supervisor request for visual of remove pipes in room 2. Visual is good. Fercam rep collected all area monitoring pumps.

09:55 Fercam rep calibrated area air monitoring pumps at 15lpm for final clearance in room 1.

10:10 Fercam rep calibrated area air monitoring pumps at 15lpm for final clearance in room 2.

10:30 Fercam rep calibrated area air monitoring pumps at 14lpm for baseline in building 8175.
FERCAM GROUP

10:40 Fercam rep calibrated area air monitoring pumps at 2lpm for glove bag removal in mechanical room in building 8180.

11:30 Abatement crew removing pipe insulation in mechanical room with glove bag.

11:55 Abatement crew went to lunch break.

12:03 Fercam rep collected all area air monitoring pumps for baseline in building 8175.

12:50 Abatement crew came back from lunch break.

13:05 Abatement crew resumed glove bag removal in mechanical room, building 8180.

13:55 Abatement crew request for visual of mechanical room. Visual of mechanical room is good. Fercam rep collected all area monitoring pumps.

14:10 Fercam rep calibrated area air monitoring pumps at 15lpm for final clearance in mechanical room, building 8180.

14:30 Abatement crew cleaning building 8175 for prepping.

15:42 Fercam rep collected all area air monitoring pumps for final clearance in mechanical room in building 8180.

16:00 Abatement crew continue to clean building 8175.

16:50 Abatement crew stopped prepping in building 8175.

17:00 Abatement crew left jobsite.
Fercam rep, abatement supervisor and crew arrived at the job site.

Abatement supervisor had a safety meeting with the crew.

Fercam rep and supervisor went over the day schedule. Abatement crew will remove roof flashing in building 8180 and thereafter move to building 8175.

Fercam rep calibrated up and down wind monitoring pumps at 2lpm for removal of roof flashing in building 8180.

Fercam rep starts paperwork for the day.

Abatement crew completed removal of roof flashing in first unit in building 8180. Fercam rep collected up and down wind monitoring pumps.

Fercam rep calibrated up and down wind monitoring pumps at 2lpm for removal of window caulking (front) in building 8175.

Fercam rep calibrated up and down wind monitoring pumps at 2lpm for removal of window caulking (side 1) in building 8175.

Fercam rep calibrated up and down wind monitoring pumps at 2lpm for removal of window caulking (side 2) in building 8175.

Abatement supervisor requested visual of removed window caulking in windows side 1 and 2. Visual of window caulking is good. Fercam rep collected all up and down monitoring pumps.

Abatement crew went to lunch break.

Abatement crew came back from lunch break.

Abatement crew resumed removal of caulking in front window in building 8175.
13:30 Fercam rep calibrated up and down wind monitoring pumps at 2lpm for removal of 3 windows caulking at the back of building 8175.

14:00 Fercam rep calibrated up and down wind monitoring pumps at 2lpm for removal of door glazing (2 doors) in building 8175.

14:25 Abatement supervisor request for visual of removed window caulking in the front. Visual of window caulking is good. Fercam rep collected all up and down monitoring pumps.

15:35 Abatement supervisor request for visual of removed 3 windows caulking in the back. Visual of 3 window caulking is good. Fercam rep collected all up and down monitoring pumps.

16:10 Abatement supervisor request for visual of removed 2 doors glazing. Visual of 2 doors glazing is good. Fercam rep collected all up and down monitoring pumps.

16:30 Abatement crew cleaning work area and picking up equipment and tools.

17:00 Abatement crew left the jobsite.
06:40 Fercam rep and abatement supervisor and crew arrived at the job site.

06:55 Abatement supervisor and the crew did safety meeting.

07:00 Fercam rep and supervisor discussed the day work schedule. Crew will remove caulking and flashing on roof, second unit in building 8180 with lease lift. Crew will remove insulation pipes in the mechanical room and start prepping in building 8175.

07:15 Fercam rep calibrated area air up and down wind monitoring pumps at 2lpm for removal of caulking and flashing on roof in building 8180 using lift.

07:30 Fercam rep starts paperwork for the day.

08:00 Abatement supervisor request for visual of removed caulking and roof flashing in building 8180. Fercam rep collected monitoring pumps.

08:10 Abatement crew moved lift and equipment to building 8175.

08:30 Fercam rep calibrated area air monitoring pumps at 2lpm for removal of insulation pipes in mechanical room in building 8175.

08:35 Abatement crew start removal of pipe insulation in mechanical room.

08:45 Fercam rep calibrated area monitoring pumps at 2lpm for prepping in main building 8175 for pipe insulation removal using lift.

10:10 Abatement supervisor request for inspection of glove bag prepping. Inspection is good. Fercam rep collected all monitoring pumps.

10:20 Fercam rep calibrated area air monitoring pumps at 2lpm for removal of pipe insulation inside main building 8175.

10:30 Abatement crew starts removal of pipe insulation inside main building 8175.
FERCAM GROUP

10:45 Abatement supervisor request for visual of mechanical room. Visual of mechanical is good. Crew encapsulate mechanical room. Rep collects pumps

11:30 Fercam rep calibrated mechanical room area air monitoring pumps for final clearance in building 8175.

11:55 Abatement crew went to lunch break.

11:50 Abatement crew came back from lunch break.

13:05 Fercam rep collected area monitoring pumps for mechanical room clearance.

13:10 Abatement crew resumed removal of pipe insulation in building 8175.

13:30 Fercam rep prepping mechanical room final clearance for sample readings.

14:00 Fercam rep completes clearance sample readings. Sample readings are good. Rep notifies supervisor of result of sample readings.

15:00 Abatement crew removing pipe insulations in building 8175.

16:00 Abatement crew continued with removal of pipe insulation in building 8175.

16:45 Abatement crew stopped removal of pipe insulation and decontaminate.

17:00 Abatement crew left the jobsite.
Table 1
DAILY AIR SAMPLING LOG – BY PCM ANALYSIS

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<td>1.001</td>
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**LEGEND**

A = Abatement    BL = Baseline    FC = Final Clearance    N/A = Not Applicable
f/cc = fibers per cubic centimeter    PCM = Phase Contrast Microscopy    PW = Preparation Work

Austin-Bergstrom International Airport
Airport Expansion Development Program Environmental Assessment
### Table 1
**DAILY AIR SAMPLING LOG – BY PCM ANALYSIS**

<table>
<thead>
<tr>
<th>Sample No.</th>
<th>Sample Type</th>
<th>Sample Location</th>
<th>Date</th>
<th>Air Volume (liters)</th>
<th>Quantification Limit (f/cc)</th>
<th>Fiber Concentration (f/cc)</th>
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<td>358</td>
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<td>1.002</td>
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</tbody>
</table>

**LEGEND**
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Austin-Bergstrom International Airport
Airport Expansion Development Program Environmental Assessment

G-135
Table 1
DAILY AIR SAMPLING LOG – BY PCM ANALYSIS

<table>
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<tr>
<th>PROJECT NAME:</th>
<th>South Campus Military Hangar Abatement Oversite</th>
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<td>INSPECTION FIRM:</td>
<td>Fercam Group</td>
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<td>SITE ADDRESS:</td>
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<td>ASBESTOS CONSULTANT(S):</td>
<td>Fernando Yepez</td>
</tr>
<tr>
<td>AREA(S) ABATED:</td>
<td>15 Buildings, Interior and Exterior</td>
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<tr>
<td>DATE OF ABATEMENT:</td>
<td>August 16, 2021 – November 19, 2021</td>
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<table>
<thead>
<tr>
<th>Sample No.</th>
<th>Sample Type</th>
<th>Sample Location</th>
<th>Date</th>
<th>Air Volume (liters)</th>
<th>Quantification Limit (f/cc)</th>
<th>Fiber Concentration (f/cc)</th>
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</thead>
<tbody>
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<td>1.002</td>
</tr>
<tr>
<td>LS-0221</td>
<td>Sample_TypeNEGATIVE AIR MACHINE, Floor Tiles/ Mastic Removal</td>
<td>Building 8180, Office Room 1</td>
<td>9/10/2021</td>
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<td>0.014</td>
<td>2.002</td>
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<tr>
<td>LS-0222</td>
<td>Sample_TypeINSIDE WORK AREA, Floor Tiles/ Mastic Removal</td>
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<td>0.003</td>
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<tr>
<td>LS-0223</td>
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<td>Building 8180, 1st Room</td>
<td>9/13/2021</td>
<td>178</td>
<td>0.005</td>
<td>0.001</td>
</tr>
</tbody>
</table>

**LEGEND**

- A = Abatement
- BL = Baseline
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- f/cc = fibers per cubic centimeter
- PCM = Phase Contrast Microscopy
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**Table 1**

**DAILY AIR SAMPLING LOG – BY PCM ANALYSIS**

<table>
<thead>
<tr>
<th>Sample No.</th>
<th>Sample Type</th>
<th>Sample Location</th>
<th>Date</th>
<th>Air Volume (liters)</th>
<th>Quantification Limit (f/cc)</th>
<th>Fiber Concentration (f/cc)</th>
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</tbody>
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**LEGEND**

A = Abatement  
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FC = Final Clearance  
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PCM = Phase Contrast Microscopy  
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### Table 1
**DAILY AIR SAMPLING LOG – BY PCM ANALYSIS**

<table>
<thead>
<tr>
<th>Sample No.</th>
<th>Sample Type</th>
<th>Sample Location</th>
<th>Date</th>
<th>Air Volume (liters)</th>
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<th>Fiber Concentration (f/cc)</th>
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</table>

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## Table 1
**DAILY AIR SAMPLING LOG – BY PCM ANALYSIS**

<table>
<thead>
<tr>
<th>PROJECT NAME:</th>
<th>South Campus Military Hangar Abatement Oversight</th>
</tr>
</thead>
<tbody>
<tr>
<td>INSPECTION FIRM:</td>
<td>Fercam Group</td>
</tr>
</tbody>
</table>
| SITE ADDRESS: | 3600 Presidential  
**Austin, Texas  78719** |
| ASBESTOS CONSULTANT(S): | Fernando Yepez |
| AREA(S) ABATED: | 15 Buildings, Interior and Exterior |
| DATE OF ABATEMENT: | August 16, 2021 – November 19, 2021 |

<table>
<thead>
<tr>
<th>Sample No.</th>
<th>Sample Type</th>
<th>Sample Location</th>
<th>Date</th>
<th>Air Volume (liters)</th>
<th>Quantification Limit (f/cc)</th>
<th>Fiber Concentration (f/cc)</th>
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<td>9/16/2021</td>
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<tr>
<td>LS-0339</td>
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<td>9/16/2021</td>
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</table>

**Legend**

- **A** = Abatement  
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- **PW** = Preparation Work

*Austin-Bergstrom International Airport  
Airport Expansion Development Program Environmental Assessment*
# Table 2

## Final Clearance Air Sampling Log – By PCM Analysis

<table>
<thead>
<tr>
<th>Sample No.</th>
<th>Sample Type</th>
<th>Sample Location</th>
<th>Date</th>
<th>Air Volume (liters)</th>
<th>Quantification Limit (f/cc)</th>
<th>Fiber Concentration (f/cc)</th>
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<td>LS-0226</td>
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<td>Building 8180</td>
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<tr>
<td>LS-0227</td>
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<td>9/10/2021</td>
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<td>N/A</td>
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</tr>
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<td>LS-0229</td>
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</tbody>
</table>

**Legend**

- A = Abatement
- BL = Baseline
- FC = Final Clearance
- N/A = Not Applicable
- f/cc = fibers per cubic centimeter
- PCM = Phase Contrast Microscopy
- PW = Preparation Work

**Project Details:**

- **Project Name:** South Campus Military Hangar Abatement Oversight
- **Inspection Firm:** Fercam Group
- **Site Address:** 3600 Presidential, Austin, Texas 78719
- **Asbestos Consultant(s):** Fernando Yepez
- **Area(s) Abated:** 15 Buildings, Interior and Exterior
- **Date of Abatement:** August 16, 2021 – November 19, 2021

---

**APPENDIX G**

*Austin-Bergstrom International Airport  
Airport Expansion Development Program Environmental Assessment*
# Table 2
## Final Clearance Air Sampling Log – By PCM Analysis

<table>
<thead>
<tr>
<th>Sample No.</th>
<th>Sample Type</th>
<th>Sample Location</th>
<th>Date</th>
<th>Air Volume (liters)</th>
<th>Quantification Limit (f/cc)</th>
<th>Fiber Concentration (f/cc)</th>
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</table>

**Legend**
- A = Abatement
- BL = Baseline
- FC = Final Clearance
- N/A = Not Applicable

f/cc = fibers per cubic centimeter
- PCM = Phase Contrast Microscopy
- PW = Preparation Work
### AIR MONITORING DATA FORM

**Client:** CITY OF AUSTIN  
**Activity:** AIR MONITORING  
**LOCATION:** BUILDING 8180

<table>
<thead>
<tr>
<th>Sample Number</th>
<th>Description</th>
<th>Flow Rate</th>
<th>Start Time</th>
<th>Stop Time</th>
<th>Blank Start Time</th>
<th>Blank Stop Time</th>
<th>Total Time (MINS)</th>
<th>Volume (VOL)</th>
<th># of Fibers</th>
<th>CV*</th>
<th>LOQ*</th>
<th>Fiber Density (f/mm)</th>
<th>Fiber Conc, (f/cc)</th>
<th>95% upper Conc limit</th>
<th>Reported Fiber conc. (f/cc)</th>
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<td>0.004</td>
<td>1.27</td>
<td>0.000</td>
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**FIRST RM.**

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<thead>
<tr>
<th>Sample Number</th>
<th>Description</th>
<th>Flow Rate</th>
<th>Start Time</th>
<th>Stop Time</th>
<th>Blank Start Time</th>
<th>Blank Stop Time</th>
<th>Total Time (MINS)</th>
<th>Volume (VOL)</th>
<th># of Fibers</th>
<th>CV*</th>
<th>LOQ*</th>
<th>Fiber Density (f/mm)</th>
<th>Fiber Conc, (f/cc)</th>
<th>95% upper Conc limit</th>
<th>Reported Fiber conc. (f/cc)</th>
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<td>0.000</td>
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<td>15:00</td>
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<td>-</td>
<td>93</td>
<td>1,302</td>
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<td>0.004</td>
<td>1.27</td>
<td>0.000</td>
<td>0.001</td>
<td>1.001</td>
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</tbody>
</table>

**SECOND RM.**

* CV = Coefficient Of Variation (See table)  
**BR = Barrier  
CR = Clean Room  
IWA = Inside Work Area  
PS = Personnel  
BL = Base Line  
LOQ = 4.9044 / VOL  
BR = Barrier  
CR = Clean Room  
IWA = Inside Work Area  
PS = Personnel  
BL = Base Line  
LOQ = 4.9044 / VOL  
Thus we certify that the above samples have been analyzed by Phase Contrast Microscopy in accordance with the NIOSH 7400 method using the "A" Counting rules.

**Contractor:** AAR Incorporated  
**Supervisor's Name:** LUIS TREVINO  
**No. of Workers:** 6  
**PPE Used:** YES  
**Analyst:** (Print Name) LADI SODIPE  
**Signature:** ladi sodipe
## AIR MONITORING DATA FORM

**Date:** 10-Sep-2021  
**Client:** CITY OF AUSTIN  
**Activity:** AIR MONITORING  
**LOCATION:** BLDG. 8180

**Sample Number** | **Description** | **Flow Rate** | **Start Time** | **Stop Time** | **Blank Count** | **Total Time (MINS)** | **Volume (VOL)** | **# of Fibers** | **CV** | **LOQ** | **Fiber Density (f/mm)** | **Fiber Conc. (f/cc)** | **95% upper Con limit** | **Reported Fiber conc. (f/cc)**
--- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | ---
LS-0210 | FIELD BLANK | - | - | - | - | - | 100 | - | - | - | - | - |
LS-0211 | FIELD BLANK | - | - | - | - | - | - | 100 | - | - | - | - | - |
LS-0212 | PREPPING - SOUTH | 2.0 | 7:11 | 12:01 | - | 290 | 580 | 1.5 | 100 | 0.450 | 0.008 | 1.91 | 0.001 | 0.002 | 0.001 |
LS-0213 | PREPPING - NORTH | 2.0 | 7:12 | 12:02 | - | 290 | 580 | 1 | 100 | 0.450 | 0.008 | 1.27 | 0.001 | 0.001 | 0.001 |
LS-0214 | PREPPING - SOUTH | 2.0 | 7:11 | 12:01 | - | 290 | 580 | 1.5 | 100 | 0.450 | 0.008 | 1.91 | 0.001 | 0.002 | 0.001 |
LS-0215 | PREPPING - NORTH | 2.0 | 12:59 | 14:27 | - | 88 | 176 | 1 | 100 | 0.450 | 0.028 | 1.27 | 0.003 | 0.005 | 0.001 |

---

**Contractor:** AAR Incorporated  
**Supervisor’s Name:** LUIS TREVINO  
**No. of Workers:** 6  
**PPE Used:** YES  
**Analyst:** (Print Name) LADI SODIPE  
**Signature:** ladi sodipe

---

*I hereby certify that the above samples have been analyzed by Phase Contrast Microscopy in accordance with the NIOSH 7400 method using the "A" Counting rules.*

---

APENDIX G

Austin-Bergstrom International Airport  
Airport Expansion Development Program Environmental Assessment  
G-143
**FERCAM GROUP**

**AIR MONITORING DATA FORM**

**Date:** 10-Sep-2021  
**Client:** CITY OF AUSTIN  
**Activity:** AIR MONITORING  
**Removal Floor Tiles/Mastic**  
**Location:** BLDG. 8180

**Project Name:** ABIA SOUTH CAMPUS ABATEMENT  
**Location:** 3601 PRESIDENTIAL BLVD TRAVIS AUSTIN  
**Project Manager:** LADI SODIPE  
**Project No.:** 2007061

### Sample Description

**Flow Rate** | **Start Time** | **Stop Time** | **Blank Count** | **Total Time (MINS)** | **Volume (VOL)** | **# of Fibers** | **CV** | **LOQ** | **Fiber Density (f/mm)** | **Fiber Conc. (f/cc)** | **95% upper Con limit** | **Reported Fiber Conc. (f/cc)**
--- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | ---

**OFFICE RM 1**

| Sample Number | Description | Flow Rate | Start Time | Stop Time | Blank Count | Total Time (MINS) | Volume (VOL) | # of Fibers | Fields | CV | LOQ | Fiber Density (f/mm) | Fiber Conc. (f/cc) | 95% upper Con limit | Reported Fiber Conc. (f/cc) |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| LS-0216 | FIELD BLANK | - | - | - | - | - | - | - | 100 | - | - | - | - | - | - | - |
| LS-0217 | FIELD BLANK | - | - | - | - | - | - | - | 100 | - | - | - | - | - | - | - |
| LS-0218 | INSIDE WORK AREA | 2.0 | 10:45 | 13:45 | - | 180 | 360 | 5 | 100 | 0.450 | 0.014 | 6.37 | 0.007 | 0.012 | 0.003 |
| LS-0219 | OUTSIDE WORK AREA | 2.0 | 10:47 | 13:46 | - | 179 | 358 | 2 | 100 | 0.450 | 0.014 | 2.55 | 0.003 | 0.005 | 1.002 |
| LS-0220 | DECON | 2.0 | 10:49 | 13:47 | - | 178 | 356 | 2 | 100 | 0.450 | 0.014 | 2.55 | 0.003 | 0.005 | 1.002 |
| LS-0221 | NEGATIVE AIR MACHINE | 2.0 | 10:51 | 13:48 | - | 177 | 354 | 6 | 100 | 0.450 | 0.014 | 7.64 | 0.008 | 0.014 | 2.002 |

**OFFICE RM 2**

| Sample Number | Description | Flow Rate | Start Time | Stop Time | Blank Count | Total Time (MINS) | Volume (VOL) | # of Fibers | Fields | CV | LOQ | Fiber Density (f/mm) | Fiber Conc. (f/cc) | 95% upper Con limit | Reported Fiber Conc. (f/cc) |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| LS-0222 | INSIDE WORK AREA | 2.0 | 10:45 | 13:45 | - | 180 | 360 | 4 | 100 | 0.450 | 0.014 | 5.10 | 0.005 | 0.009 | 0.003 |
| LS-0223 | OUTSIDE WORK AREA | 2.0 | 10:47 | 13:46 | - | 179 | 358 | 2 | 100 | 0.450 | 0.014 | 2.55 | 0.003 | 0.005 | 1.002 |
| LS-0224 | DECON | 2.0 | 10:49 | 13:47 | - | 178 | 356 | 2 | 100 | 0.450 | 0.014 | 2.55 | 0.003 | 0.005 | 1.002 |
| LS-0225 | NEGATIVE AIR MACHINE | 2.0 | 10:51 | 13:48 | - | 177 | 354 | 6 | 100 | 0.450 | 0.014 | 7.64 | 0.008 | 0.014 | 2.002 |

---

**CV = Coefficient Of Variation (See table)**  
**BR = Barrier**  
**CR = Clean Room**  
**IWA = Inside Work Area**  
**PS = Personnel**  
**QCB = Quality Control Blank**  
**LOQ = 4.9044 / VOL**  
**BL = Base Line**  
**FC = Final Clearance**  
**NIOSH = Negative Air Machine**  
**"A" Counting rules.**

**I hereby certify that the above samples have been analyzed by Phase Contrast Microscopy in accordance with the NIOSH 7400 method using the "A" Counting rules.**

**Contractor:** AAR Incorporated  
**Supervisor's Name:** LUIS TREVINO  
**No. of Workers:** 8  
**PPE Used:** YES  
**Analyst: (Print Name)** LADI SODIPE  
**Signature:** ladi sodipe
# FERCAM GROUP

## AIR MONITORING DATA FORM

**Project Name:** ABIA SOUTH CAMPUS ABATEMENT  
**Location:** 3601 PRESIDENTIAL BLVD TRAVIS AUSTIN  
**Date:** 10-Sep-2021  
**Client:** CITY OF AUSTIN  
**Activity:** AIR MONITORING  
**Final Clearance**  
**Location:** BLDG. 8180

## Sample Details

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<tr>
<th>Sample Number</th>
<th>Description</th>
<th>Activity/Location/Name/SS#</th>
<th>Flow Rate</th>
<th>Start Time</th>
<th>Stop Time</th>
<th>Blank Count</th>
<th>Total Time (MINS)</th>
<th>Volume (VOL)</th>
<th># of Fibers</th>
<th>Fields</th>
<th>CV*</th>
<th>LOQ*</th>
<th>Fiber Density (f/mm)</th>
<th>Fiber Conc. (f/cc)</th>
<th>95% upper Con limit</th>
<th>Reported Fiber conc. (f/cc)</th>
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<td>1.27</td>
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<td>0.001</td>
<td>1.001</td>
<td></td>
</tr>
</tbody>
</table>

* CV = Coefficient Of Variation (See table)  
** BR = Barrier  
CR = Clean Room  
IWA = Inside Work Area  
PS = Personnel  
BL = Base Line  
FC = Final Clearance  
NAM = Negative Air Machine  
QCB = Quality Control Blank  

I hereby certify that the above samples have been analyzed by Phase Contrast Microscopy in accordance with the NIOSH 7400 method using the "A" Counting rules.

Contractor: AAR Incorporated  
Supervisor’s Name: LUIS TREVINO  
No. of Workers: 6  
PPE Used: YES  
Analyst: (Print Name) LADI SODIPE  
Signature: ladi sodipe
### AIR MONITORING DATA FORM

<table>
<thead>
<tr>
<th>Sample Number</th>
<th>Description</th>
<th>Flow Rate</th>
<th>Start Time</th>
<th>Stop Time</th>
<th>Blank Count</th>
<th>Total Time (MINS)</th>
<th>Volume (VOL)</th>
<th># of Fields</th>
<th>CV*</th>
<th>LOQ*</th>
<th>Fiber Density (f/mm)</th>
<th>Fiber Conc, upper Con limit</th>
<th>95% upper Con limit</th>
<th>Reported Fiber conc. (f/cc)</th>
</tr>
</thead>
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<tr>
<td><strong>FIRST RM.</strong></td>
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<tr>
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*CV = Coefficient Of Variation (See table)

**BR = Barrier
CR = Clean Room
IWA = Inside Work Area
PS = Personnel

Thereby certify that the above samples have been analyzed by Phase Contrast Microscopy in accordance with the NIOSH 7400 method using "A" Counting rules.

Contractor: AAR Incorporated
Supervisor's Name: LUIS TREVINO
No. of Workers: 6
PPE Used: YES

Analyst: (Print Name) LADI SODIPE
Signature: ladi sodipe
### AIR MONITORING DATA FORM

**Project Name:** ABIA SOUTH CAMPUS ABATEMENT  
**Location:** 3601 PRESIDENTIAL BLVD TRAVIS AUSTIN  
**Project Manager:** LADI SODIPE  
**Project No.:** 2007061

**Location:** BLDG. 8180

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<th>Blank Count</th>
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<th>LOQ*</th>
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* CV = Coefficient Of Variation (See table)  
**BR = Barrier  
CR = Clean Room  
IWA = Inside Work Area  
NAM = Negative Air Machine  
PS = Personnel  
QCB = Quality Control Blank  

I hereby certify that the above samples have been analyzed by Phase Contrast Microscopy in accordance with the NIOSH 7400 method using the "A" counting rules.

**Appended to:** AAR Incorporated  
**Contractor:** AAR INCORPORATED  
**Supervisor’s Name:** LUIS TREVINO  
**No. of Workers:** 6  
**PPE Used:** YES  
**Analyst:** (Print Name) LADI SODIPE  
**Signature:** ladi sodipe

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<th># of Fibers</th>
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* CV = Coefficient Of Variation (See table)
** BR = Barrier
LOQ = 4.9044 / VOL
BL = Base Line
CR = Clean Room
IWA = Inside Work Area
FC = Final Clearance
NAM = Negative Air Machine
PS = Personnel
QCB = Quality Control Blank
I hereby certify that the above samples have been analyzed by Phase Contrast Microscopy in accordance with the NIOSH 7400 method using the "A" Counting rules.

Contractor: AAR Incorporated
Supervisor's Name: LUIS TREVINO
No. of Workers: 6
PPE Used: YES

Analyst: (Print Name) LADI SODIPE
Signature: ladi sodipe
# AIR MONITORING DATA FORM

**Project Name:** ABIA SOUTH CAMPUS ABATEMENT  
**Location:** 3601 PRESIDENTIAL BLVD TRAVIS AUSTIN  
**Project Manager:** LADI SODIPE  
**Project No.:** 2007061  

**Date:** 14-Sep-2021  
**Client:** CITY OF AUSTIN  
**Activity:** AIR MONITORING  
**CAULKING/FLASHING REMOVAL**  
**LOCATION:** BLDGS. 8180

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<th>Stop Time</th>
<th>Blank Count</th>
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<th>Volume (VOL)</th>
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* CV = Coefficient Of Variation (See table)  
** BR = Barrier  
CR = Clean Room  
IWA = Inside Work Area  
PS = Personnel  
BL = Base Line  
FC = Final Clearance  
NAM = Negative Air Machine  
QCB = Quality Control Blank  
I hereby certify that the above samples have been analyzed by Phase Contrast Microscopy in accordance with the NIOSH 7400 method using the "A" Counting rules.

**Contractor:** AAR INCORPORATED  
**Supervisor’s Name:** LUIS  
**No. of Workers:** 6  
**PPE Used:** YES  
**Analyst:** (Print Name) LADI SODIPE  
**Signature:** ladi sodipe
**FERCAM GROUP**

**AIR MONITORING DATA FORM**

**Date:** 16-Sep-2021  
**Client:** CITY OF AUSTIN  
**Activity:** AIR MONITORING  
**LOCATION:** BLDGS. 8180  

**Project Name:** ABIA SOUTH CAMPUS ABATEMENT  
**Location:** 3601 PRESIDENTIAL BLVD TRAVIS AUSTIN  
**Project Manager:** LADI SODIPE  
**Project No.:** 2007061

**Sample Description Flow**

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<th>Sample Number</th>
<th>Activity/Location/Name/SS#</th>
<th>Flow Rate</th>
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<th>LOQ*</th>
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<th>95% upper Conc limit</th>
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* CV = Coefficient Of Variation (See table)  
** BR = Barrier  
BL = Base Line  
CR = Clean Room  
FC = Final Clearance  
IWA = Inside Work Area  
NAM = Negative Air Machine  
QCB = Quality Control Blank  
PS = Personnel  

I hereby certify that the above samples have been analyzed by Phase Contrast Microscopy in accordance with the NIOSH 7400 method using the "A" Counting rules.

**Contractor:** AAR INCORPORATED  
**Supervisor’s Name:** LUIS  
**No. of Workers:** 8  
**PPE Used:** YES  
**Analyst: (Print Name)** LADI SODIPE  
**Signature:** ladi sodipe

---

**APPENDIX G**

Austin-Bergstrom International Airport  
Airport Expansion Development Program Environmental Assessment  

G-150
### Building 8180

<table>
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<tr>
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<td><img src="image5.png" alt="Photo 5" /></td>
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**DAILY LOG**

**Job #: 214175**

**Project Name:** ABIA South Campus Abatement

**Supervisor:** Lib. Treweek

**Date:** 9-9-21

---

<table>
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**Work Performed Today (Detail):**

- 7:00: AAR Supervisor & abatement crew arrive on site & sign in.
- 7:15: Crew begins to haul poly, type 1, crew to next bldg 2185.
- Pre clean, fill/dump 2 & prep splash guard.
- 7:50: Complete prep of protectors, 1 missing for bldg 2180.
- 9:40: Complete prep of protectors, 1 missing for bldg 2185.
- 10:15: Crew begins to clean containment 2140. Need to clean bldg 2180. (Shower & 12 bags."
- 12:00: Break for lunch.
- 1:00: Return to begin to install shoot 1 & 2 bags.
- 1:40: Containment is ready for containment - pressure (-20).
- 2:00: Crew is allowed to begin to sweep site & bag.
- 2:30: Complete removal of bags & begin bag out.
- 2:40: Begin mastic removal.
- 4:40: Complete removal of black mastics, vised. Then pre-heat.
- 4:45: Crew accepts then showered. Crew then preps poly under works outside.
- 4:50: Crew then bagged & remove caulk.
- 5:30: Complete removal of caulk.

**Problems/Delays:**

-  |

**Extra Work:**

-  |

**Next Daily Goal:**

-  |

---

**Weather:**

Temp AM: _ _ PM: _ _

Safety Meeting: _ _

**WORK FORCE**

- Preparation
- Removal
- Cleanup
- Other (Specific): _ _

**SUBCONTRACTORS**

**CHECKLIST**

- Poly barriers airtight
- Negative air pressure
- Decon operational
- Surfacer encaps. pump
- Air Monitoring
- Double bagged & secure
- Mats, distrb. & secure
- Facility Secure
- Work area clean
- Daily inventory
- Vehicle Check
- Equipment Check

**EMPLOYEE**

- Training
- Medical Exams
- Respiratory Test

**FIELD DOC.**

- Field Report
- Payroll Report
- Waste Manifest

**PPE**

- ½ Mask
- PAPR
- Suits
- Boats
- Gloves
- Hard Hat
- Safety Glass

---

Austin-Bergstrom International Airport
Airport Expansion Development Program Environmental Assessment
Daily Log

Job # 214175

Project Name: Austin-Bergstrom International Airport
Airport Expansion Development Program Environmental Assessment

Supervisor: Luis I

Date: 9/10/21

% of Job Complete ( )

Work Performed Today (Details):

7:00 AAR Supervisor & Abatement Crew Arrive on Site & Sign In.
7:15 Crew begins to prep splash guard in Room 16 machine shop for Building 3180 to then perform RF2.
7:40 Pumps are set for 3185 Building.
9:00 Crew moves to Prep & Ready for RF2; Crew begins removal.
10:10 Containment on Building 3185 passes tear tent down while others pass RF2ed; 7/14 begin maste removed.
11:47 Complete tear removed in 8160; Crew halds bags to container.
12:00 Break for lunch.
1:00 Return & began to prep windows in Building 8160 to then remove caulking.
2:00 Begin removal of core team windows.
3:30 Complete removal of core team windows, crew halds bags to container & deliver tools.
4:00 Depart work site.

Problems - Delays:

Extra Work:

Next Daily Goal:

Weather: ______________________
Temp AM: __ PM: __
Safety Meeting: ______________________

Work Force
Preparation ______________________
Removal ______________________
Cleanup ______________________
Other (Specific): ______________________

Subcontractors

Checklist
Poly barriers airtight
Negative air pressure
Decon operational
Surfactant encaps. pump
Air Monitoring
Double bagged & secure
Mats, distrib. & secure
Facility Secure
Work area clean
Daily inventory
Vehicle Check
Equipment Check

Employee
Training ______________________
Medical Exams ______________________
Respiratory Test ______________________

Field Doc.
Field Report ______________________
Payroll Report ______________________
Waste Manifest ______________________

PPE
1/2 Mask ______________________
PAPR ______________________
Suits ______________________
Boots ______________________
Gloves ______________________
Hard Hat ______________________
Safety Glass ______________________

G-153
## DAILY LOG

**Job # 214175**  
**Tx 73642**

**Project Name:** ABIA South Campus Development  
**Supervisor:** Luis Trevino  
**Date:** 9-13-21

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### Work Performed Today (Detail):

- **7:00:** AAR Supervisor 1 allotment arrives on site.  
- **7:10:** Crew begins to prep gravel bags on pipe insulation with urethane in building 200.  
- **9:00:** Complete prep of gravel bags 1 deep sheet under pipe crew begins removal of pipe insulation and gravel bag methods applied. Container on site is unexpected.  
- **11:40:** Back-sighting point 1 had any bags from gravel bag to container 12:00. Break for lunch.  
- **1:00:** Return 1 contain gravel bag removed.  
- **2:15:** Complete removal of all urethane on pipe insulation throughout building 200.  
- **3:00:** Crew begins to clean pathway under pipe insulation in building.  
- **4:15:** Finish surface 1 to thru work today.  
- **5:00:** Complete clean up. Depart worksite.

### Problems/Delays:

### Extra Work:

### Next Daily Goal:

---

**Notes:**

**Supervisor签名**

---

### WORK FORCE

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<tr>
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<th>Removal</th>
<th>Cleanup</th>
<th>Other (Specific)</th>
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<th>Air Monitoring</th>
<th>Double bagged &amp; secure</th>
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### CHECKLIST

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### FIELD DOC.

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<th>Payroll Report</th>
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### PPE

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</table>
## Daily Log

**Job #: 21475**

**Project Name:** Austin-Bergstrom International Airport  
Airport Expansion Development Program Environmental Assessment

**Supervisor:** Luis Invino  
**Date:** 9.14.21

### Work Performed Today (Detail):
- **7:00:** AAR supervisor & abatement crew arrives on site. Sign in.
- **7:10:** Crew begins to prep poly under foot proection on SE wall.
- **7:30:** Crew suits up & begins removal of cont & framing on SE wall.
- **9:00:** Complete SE part of abatement. Crew then moves back to 8175 & prep under windows & glazing.
- **10:15:** Begin removing glazing from windows, wet methods applied.
- **11:45:** Completed 7 windows of 5 with window glazing. Glazing is double bagged & placed on poly.
- **12:00:** Break for lunch.
- **1:00:** Crew is suited & continue window glazing.
- **2:20:** Completed 4th window. Glazing crew then prep under window to remove cont.
- **3:00:** Doors & block windows begin to be removed & cont.
- **4:45:** Complete cont & removed at back & windows & extracted doors. All debris taken off site & glazing cart hauled to container.
- **5:00:** Depart work site.

### Problems / Delays:

### Extra Work:

### Next Daily Goal:

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<tr>
<td>Air Monitoring</td>
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<tr>
<td>Double bagged &amp; secure</td>
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<tr>
<td>Mats. distrib. &amp; secure</td>
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</tr>
<tr>
<td>Facility Secure</td>
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### Appendix G

#### Austin-Bergstrom International Airport

**Airport Expansion Development Program Environmental Assessment**

<table>
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<th>% of Job Complete ( )</th>
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#### Work Performed Today (Detail):
- 7:00 AAR Supervisor & abatement crew arrive on site & sign in.
- 7:10 AAR began removal of pipe insulation in mezzanine from others use.
- Sissor lift to hang glovebags along wall of east wall south.
- Opera complete removal of pipe insulation in mezzanine room. All com bag are handed in containers. Others continue prep & hanging glove bags.
- 12:00 Break for lunch.
- 1:00 Return, set up to begin removal pipe insulation along with south wall using sissor lift. Gloves prep is complete.
- 3:00 Complete removing insulation around walls. Visual inspection then crew dons bags & bag is hand to container.
- 4:00 Work area is clean & crew changes lift for day.
- 5:00 Depart worksite.

### Work Force
- Preparation
- Removal
- Cleanup
- Other (Specific)

### Subcontractors

### Checklist
- Poly barriers airtight
- Negative air pressure
- Decon operational
- Surfactant encap. pump
- Air Monitoring
- Double bagged & secure
- Mats. distrib. & secure
- Facility Secure
- Work area clean
- Daily inventory
- Vehicle Check
- Equipment Check

### Employee
- Training
- Medical Exams
- Respiratory Test

### Field Doc.
- Field Report
- Payroll Report
- Waste Manifest

### PPE
- ½ Mask
- PAPR
- Suits
- Boots
- Gloves
- Hard Hat
- Safety Glass
## SIGN IN / OUT CONTAINMENT LOG

**DATE:** 9/9/21  
**SUPERINTENDENT:**  
**PROJECT:** ABIA South Campus Entracement  
**JOB No.:** 214175

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**Austin-Bergstrom International Airport**  
**Airport Expansion Development Program Environmental Assessment**  
**G-157**
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## SIGN IN / OUT CONTAINMENT LOG

**DATE:** 9.13.21  
**SUPERINTENDENT:**  
**PROJECT:** Austin Bergstrom International Airport  
**JOB No.:** 214175

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<td>70-1692</td>
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<td>Wilmer Lopez</td>
<td>45-4693</td>
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<td>17-6429</td>
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<td>Rodolfo Hernandez</td>
<td>20-6247</td>
<td>AIR</td>
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SECTION 8

Building 8185

- Daily Observations
- Daily Air Sampling Log
- Final Clearance Air Sampling Log
- Laboratory Report(s)
- Photographs
- Contractor Daily Observations
- Contractor Daily Sign-In Sheets
06:45 Fercam rep, abatement crew and supervisor arrived the job site.
06:52 Abatement supervisor and the crew had safety meeting.
07:00 Fercam rep and supervisor inspect the containment. Crew will finish removal of floor tiles, mastic in building 8215 and moved to building 8185.
07:10 Fercam rep calibrated area air monitoring pumps at 2lpm for removal of floor tiles and mastic in building 8215.
07:30 Fercam rep starts paperwork for the day.
08:00 Abatement crew removing floor tiles and mastic in building 8215.
08:30 Fercam rep and abatement supervisor inspect building 8185 for assessment,
09:00 Abatement crew starts bag out in building 8215.
09:30 Fercam rep calibrated area air monitoring pumps at 14lpm for baseline in building 8185.
10:30 Abatement crew continued with removal of floor tiles and mastic.
11:02 Fercam rep collected area monitoring pumps for baseline in building 8185.
11:57 Abatement crew went to lunch break.
12:55 Abatement crew came back from lunch break.
13:10 Abatement crew resume removal of floor tiles and mastic in building 8215.
15:00 Abatement supervisor request for visual of containment. Fercam rep and supervisor entered for visual. Visual of containment in building 8215 is good
15:25 Abatement crew encapsulating containment in building 8215. Fercam rep collected all area air monitoring pumps. Fercam rep doing paperwork.
17:00 Abatement crew left the jobsite.
06:45 Fercam rep and abatement crew with the supervisor arrived at the job site.
06:55 Abatement supervisor and the crew conducted safety meeting.
07:00 Fercam rep and supervisor inspect the encapsulated containment. Crew will start prepping 8185 while Fercam rep runs clearance in building 8215.
07:20 Abatement crew starts prepping building 8185.
07:30 Fercam rep calibrated area air monitoring pumps at 14lpm for final clearance in building 8215.
08:00 Fercam rep starts paperwork for the day.
09:03 Fercam rep collected all area monitoring for final clearance in building 8215.
09:15 Fercam rep preparing final clearance cassettes for sample readings.
09:45 Fercam rep completes clearance sample readings. Sample reading is good.
10:00 Abatement crew tearing down containment in building 8215.
11:00 Abatement crew continued with prepping in building 8185.
11:55 Abatement crew went to lunch break.
12:50 Abatement crew came back from lunch break.
13:00 Abatement crew resumed prepping in building 8185.
13:15 Fercam rep calibrated area monitoring pumps for baseline in building 8180.
13:40 Abatement supervisor request for inspection of containment. Inspection of containment is good.
14:05 Abatement crew in PPE gear entered containment to begin removal of floor tiles and mastic in building 8185. Negative pressure at -0.032.
FERCAM GROUP

14:45 Fercam rep collected area monitoring pumps for baseline in building 8180.
15:00 Abatement crew removing floor tiles and mastic in building 8185.
15:30 Abatement supervisor request visual of containment.
15:40 Fercam rep and abatement supervisor entered containment for visual. Visual of containment is good, Fercam rep collected all monitoring pumps.
15:50 Abatement crew (2) removing caulking on windows.
16:00 Abatement crew encapsulating containment in building 8185.
16:30 Abatement crew showered and exit containment.
17:00 Abatement crew left the jobsite.
06:50 Fercam rep and abatement crew arrived at the job site.

06:55 Abatement supervisor did a safety meeting with the crew.

07:00 Fercam rep and supervisor inspect the encapsulated containment in building 8185. Crew will start prepping 8180 while Fercam rep will runs final clearance in building 8185.

07:15 Fercam rep calibrated area air monitoring pumps at 14lpm for final clearance in building 8185.

07:18 Abatement crew mobilize equipment to starts prepping building 8180.

07:35 Fercam rep starts paperwork for the day.

08:30 Abatement crew prepping in building 8180.

08:49 Fercam rep collected all area monitoring for final clearance in building 8185.

09:10 Fercam rep preparing final clearance cassettes for sample readings.

09:45 Fercam rep completes clearance sample readings. Sample reading is good.

10:00 Fercam rep notified abatement supervisor to tear down containment.

10:30 Abatement supervisor request for visual of containment in building 8180. Visual of containment is good. Fercam rep collected all monitoring pumps.

10:45 Fercam rep calibrated area monitoring pumps at 21pm for removal of floor tiles and mastic in building 8180.

11:50 Abatement crew went to lunch break.

12:50 Abatement crew came back from lunch break.

13:05 Abatement crew resumed removal of floor tiles and mastic in building 8180.

13:40 Abatement supervisor request visual of containment.
FERCAM GROUP

13:45 Fercam rep and abatement supervisor entered containment for visual. Visual of containment is good, Fercam rep collected all area air monitoring pumps.

13:50 Abatement crew encapsulating containment in building 8180.

14:30 Fercam rep calibrated area air monitoring pumps at 2lpm for final clearance in building 8180.

15:10 Abatement crew removing caulking and glazing on windows in building 8180.

16:00 Fercam rep collected all area air monitoring pumps for final clearance in building 8180.

16:15 Fercam rep prepping final clearance cassettes for sample readings.

16:45 Fercam rep completed readings of clearance cassettes. Clearance passed. Containment is ready for tear down.

16:50 Abatement crew completed removal of caulking and glazing in building 8180.

17:00 Abatement crew left the jobsite.
Fercam rep and abatement crew with supervisor arrived the job site.

06:50 Abatement supervisor and the crew had safety meeting.

07:05 Fercam rep and supervisor walk around building 8175. Crew will remove floor tiles and mastic using RFCI process. Crew will prep and supervisor is leasing a lift for removal in building 8175.

07:20 Fercam rep calibrated area air monitoring pumps at 2lpm for prepping utility room in building 8175.

07:40 Fercam rep calibrated area air monitoring pumps at 2lpm for prepping parts cleaning storage room in building 8175.

07:50 Fercam rep starts paperwork for the day.

08:00 Fercam rep calibrated area air monitoring pumps at 2lpm for removal of floor tiles and mastic using RFCI in utility room, building 8175.

08:25 Fercam rep calibrated area air monitoring pumps at 2lpm for removal of floor tiles and mastic using RFCI in parts storage room in building 8175.

09:00 Abatement supervisor request for visual of removed floor tiles in utility room.

09:10 Visual of removed floor tiles and mastic in utility room is good. Fercam rep collected all monitoring pumps. Crew encapsulate utility room.

09:20 Fercam rep calibrated area monitoring pumps at 14lpm for final clearance in utility room.

09:45 Abatement supervisor request for visual of removed floor tiles and mastic in parts storage room.
FERCAM GROUP

09:55 Visual of removed floor tiles and mastic in parts storage room is good. Fercam rep collected monitoring pumps. Crew encapsulate parts storage room.

10:30 Fercam rep calibrated area monitoring pumps at 14lpm for final clearance in parts storage room.

10:40 Fercam rep calibrated area air monitoring pumps at 2lpm for prepping south office room in building 8175.

10:53 Fercam rep collected area monitoring pumps for final clearance in utility room.

11:15 Fercam rep prepping utility room clearance cassettes for sample reading.

11:45 Fercam rep completes reading of utility room clearance cassettes. Clearance is good.

11:55 Abatement crew went to lunch break.

12:05 Fercam rep collected area monitoring pumps for final clearance in parts storage room.

12:50 Abatement crew came back from lunch.

13:10 Fercam rep calibrated area monitoring pumps at 2lpm for prepping mechanical room in building 8175.

13:23 Fercam rep calibrated area air monitoring pumps at 2lpm for removal of floor tiles and mastic using RFCI in south office, building 8175.

13:40 Fercam rep prepping parts storage final clearance cassettes for sample readings.

14:20 Fercam rep completed reading of parts storage room clearance cassettes. Sample reading of clearance cassettes is good.

14:35 Abatement supervisor request for visual of removed floor tiles and mastic in south office room, building 8175.

14:45 Visual of removed floor tiles and mastic in south office is good. Fercam rep collected monitoring pumps. Crew encapsulate south office room.
FERCAM GROUP

15:15 Fercam rep calibrated area monitoring pumps at 14lpm for final clearance in south office room.
16:10 Abatement crew completed prepping mechanical room in building 8175.
16:48 Fercam rep collected south office final clearance area air monitoring pumps.
17:00 Abatement crew left the jobsite.
# Table 1

## Daily Air Sampling Log – By PCM Analysis

<table>
<thead>
<tr>
<th>Sample No.</th>
<th>Sample Type</th>
<th>Sample Location</th>
<th>Date</th>
<th>Air Volume (liters)</th>
<th>Quantification Limit (f/cc)</th>
<th>Fiber Concentration (f/cc)</th>
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</tr>
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## Legend

- A = Abatement
- BL = Baseline
- FC = Final Clearance
- N/A = Not Applicable
- PCM = Phase Contrast Microscopy
- PW = Preparation Work
- f/cc = fibers per cubic centimeter

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**Project Name:** South Campus Military Hangar Abatement Oversight

**Inspection Firm:** Fercam Group

**Site Address:** 3600 Presidential

**Asbestos Consultant(s):** Fernando Yepez

**Area(s) Abated:** 15 Buildings, Interior and Exterior

**Date of Abatement:** August 16, 2021 – November 19, 2021

---

**Appendix G**

**Austin-Bergstrom International Airport**

**Airport Expansion Development Program Environmental Assessment**

G-170
Table 1

DAILY AIR SAMPLING LOG – BY PCM ANALYSIS

<table>
<thead>
<tr>
<th>Sample No.</th>
<th>Sample Type</th>
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<th>Date</th>
<th>Air Volume (liters)</th>
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LEGEND

A = Abatement
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PCM = Phase Contrast Microscopy
PW = Preparation Work
## Table 1
**DAILY AIR SAMPLING LOG – BY PCM ANALYSIS**

<table>
<thead>
<tr>
<th>Sample No.</th>
<th>Sample Type</th>
<th>Sample Location</th>
<th>Date</th>
<th>Air Volume (liters)</th>
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- N/A = Not Applicable
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- PCM = Phase Contrast Microscopy
- PW = Preparation Work

*Austin-Bergstrom International Airport*  
*Airport Expansion Development Program Environmental Assessment*  
*G-172*
## Table 1
### DAILY AIR SAMPLING LOG – BY PCM ANALYSIS

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<th>Sample No.</th>
<th>Sample Type</th>
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<th>Air Volume (liters)</th>
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<th>Fiber Concentration (f/cc)</th>
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</table>

**Legend**
- **A** = Abatement
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# Table 2

**Final Clearance Air Sampling Log – By PCM Analysis**

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<th>South Campus Military Hangar Abatement Oversite</th>
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<td>Site Address:</td>
<td>3600 Presidential, Austin, Texas 78719</td>
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<tr>
<td>Inspection Firm:</td>
<td>Fercam Group</td>
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<td>Asbestos Consultant(s):</td>
<td>Fernando Yepez</td>
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<tr>
<td>Area(s) Abated:</td>
<td>15 Buildings, Interior and Exterior</td>
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<td>Date of Abatement:</td>
<td>August 16, 2021 – November 19, 2021</td>
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<table>
<thead>
<tr>
<th>Sample No.</th>
<th>Sample Type</th>
<th>Sample Location</th>
<th>Date</th>
<th>Air Volume (liters)</th>
<th>Quantification Limit (f/cc)</th>
<th>Fiber Concentration (f/cc)</th>
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<tr>
<td>LS-0206</td>
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<tr>
<td>LS-0207</td>
<td>FINAL CLEARANCE - 1 NORTH</td>
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<td>LS-0208</td>
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<tr>
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<td>1.001</td>
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</tbody>
</table>

**Legend**

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- FC = Final Clearance
- N/A = Not Applicable
- f/cc = fibers per cubic centimeter
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- PW = Preparation Work

*Austin-Bergstrom International Airport
Airport Expansion Development Program Environmental Assessment*
<table>
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<tr>
<th>Sample Number</th>
<th>Description</th>
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<th>Start Time</th>
<th>Stop Time</th>
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<th>Volume (VOL)</th>
<th># of Fibers</th>
<th>CV*</th>
<th>LOQ*</th>
<th>Fiber Density (f/mm)</th>
<th>Fiber Conc, upper Con (f/cc)</th>
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**QCB = Quality Control Blank

I hereby certify that the above samples have been analyzed by Phase Contrast Microscopy in accordance with the NIOSH 7400 method using the "A" Counting rules.

Contractor: AAR Incorporated
Supervisor’s Name: LUIS TREVINO
No. of Workers: 6
PPE Used: YES

Analyst: (Print Name) LADI SODIPE
Signature: ladi sodipe
## AIR MONITORING DATA FORM

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<th>Stop Time</th>
<th>Blank Count</th>
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Analyst: (Print Name) LADI SODIPE

Signature: ladi sodipe

AAR Incorporated

LUIS TREVINO

6

YES

ABIA SOUTH CAMPUS ABATEMENT

3601 PRESIDENTIAL BLVD TRAVIS AUSTIN

LADI SODIPE

2007061

A P P E N D I X  G

Austin-Bergstrom International Airport

Airport Expansion Development Program Environmental Assessment
<table>
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Contractor: AAR Incorporated  Supervisor’s Name: LUIS TREVINO  No. of Workers: 8  PPE Used: YES  Analyst: (Print Name) LADI SODIPE  Signature: ladi sodipe
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<th>Stop Time</th>
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Contractor: AAR Incorporated  
Supervisor’s Name: LUIS TREVINO  
No. of Workers: 6  
PPE Used: YES  
No. of Workers: 6  
PPE Used: YES  
G-178  
Signature: ladi sodipe
# AIR MONITORING DATA FORM

**Project Name:** ABIA SOUTH CAMPUS ABATEMENT  
**Location:** 3601 PRESIDENTIAL BLVD TRAVIS AUSTIN  
**Project Manager:** LADI SODIPE  
**Project No.:** 2007061

### Location: BLDG. 8185

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**Contractor:** AAR Incorporated  
**Supervisor’s Name:** LUIS TREVINO  
**No. of Workers:** 6  
**PPE Used:** YES  
**Analyst:** (Print Name) LADI SODIPE  
**Signature:** ladi sodipe

Austin-Bergstrom International Airport  
Airport Expansion Development Program Environmental Assessment  
G-179
### Appendix G

**Austin-Bergstrom International Airport**  
**Airport Expansion Development Program Environmental Assessment**

---

**Daily Log**

**Job #**: 214175  
**Tx**: 78642

**Project Name**: ARIA South Campus Abatement  
**Supervisor**: Luis Trevino  
**Date**: 9/2/21

<table>
<thead>
<tr>
<th>% of Job Complete ( )</th>
</tr>
</thead>
</table>

**Work Performed Today (Detail):**
- **7:00**: AAR supervisor & abatement crew arrive on site & sign in containment log.
- **7:10**: Crew is suited up & begins to continue removal of specialty waste materials applied to control dust.
- **9:00**: Complete removal of all tile & crew double bags & piles in poly near bag out.
- **10:15**: Crew begins bag out.
- **11:45**: Crew begins mastic removal.
- **12:00**: Lunch start & crew removed mastic.
- **12:30**: Crew returns to break & wash.
- **1:00**: Crew suits up & continues mastic removal in building 210.
- **3:15**: Complete mastic removed, visual is then performed.
- **4:00**: Crew cleans & showers out. Clearance will be made tomorrow.
- **5:00**: Depart work site.

**Problems/Delays:**

**Extra Work:**

**Next Daily Goal:**

---

**Weather:**

**Temp AM:**  
**PM:**

**Safety Meeting:**

---

**Work Force**

- Preparation
- Removal
- Cleanup
- Other (Specific)

---

**Subcontractors**

---

**Checklist**

- Poly barriers airtight
- Negative air pressure
- Decon operational
- Surfactant encaps. pump
- Air Monitoring
- Double bagged & secure
- Mats. distributed & secure
- Facility Secure
- Work area clean
- Daily inventory
- Vehicle Check
- Equipment Check

---

**Employee**

- Training
- Medical Exams
- Respiratory Test

---

**Field Doc.**

- Field Report
- Payroll Report
- Waste Manifest

---

**PPE**

- ½ Mask
- PAPR
- Suits
- Boots
- Gloves
- Hard Hat
- Safety Glass
DAILY LOG

Job #: 214175

Project Name: ABIA South Campus Abatement

Supervisor: Lvn. Trevino

Date: 9-9-21

% of Job Complete: (

Work Performed Today (Detail): 7:00. AAR Supervisor & Abatement crew arrive on site 
7:15. Crew begins to haul poly-tape, 1 crew to next block on. 
Prep cutouts, move/ed 
7:45. Crew sets up for block #1 on. 
9:45. Complete prep of blocks, set up for block #2 on. 
10:45. Crew performs a crew tests down containment & lead test. 
12:00. Break for lunch.
1:00. Return & begin to install 
2:00. Container is ready for abatement, pressure cut & air. 
2:40. Crew is moved & begin to sweep slip & begin methods applied. 
2:40. Begin mastic removal. 
3:45. Complete removal of mastic, viscos is then pre mixed. 
4:45. Crew accepts test & end work. 
5:00. Work down, remove lead. 
6:00. Complete removal of mastic.

Problems - Delays:

Extra Work:

Next Daily Goal:

Weather:

Temp AM: ___ PM: ___

Safety Meeting:

WORK FORCE

Preparation
Removal
Clean up
Other (Specific):__

SUBCONTRACTORS

CHECKLIST

Poly barriers airtight
Negative air pressure
Decan operational
Surfactant escap. pump
Air Monitoring
Double bagged & secure
Mats. distrib. & secure
Facility Secure
Work area clean
Daily inventory
Vehicle Check
Equipment Check

EMPLOYEE

Training
Medical Exams
Respiratory Test

FIELD DOC.

Field Report
Payroll Report
Waste Manifest

PPE

% Mask
PAPR
Suits
Boots
Gloves
Hard Hat
Safety Glass

G-181
**DAILY LOG**

**Job # 214175**  
**Project Name:** Austin-Bergstrom International Airport  
**Supervisor:** Luis J.  
**Date:** 9-10-21

<table>
<thead>
<tr>
<th>% of Job Complete ( )</th>
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</thead>
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**Work Performed Today (Detail):**

- **7:00:** AAR supervisor & abatement crew arrive on-site & sign in.
- **7:15:** Crew begins to prep splash guard in room 16 machine shop for building 3130 to then perform RFC.
- **7:40:** Pumps are set for 3135 building.
- **9:00:** Rooms are prepped & ready for RFC; crew begins removal.
- **10:10:** Containment on building 3135 passes 4-hour clean-out while others are cleaned.
- **11:47:** Complete & removed in 8130. Crew heads bags to container.
- **12:00:** Break for lunch.
- **1:00:** Return & began to prep under windows in building 320 to then remove caulking.
- **2:00:** Begin removal of concrete windows.
- **3:30:** Complete removal of concrete window. Crew bends any waste to container & deliver tools.
- **4:00:** Depart worksite.

---

**Problems - Delays:**

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**Extra Work:**

---

**Next Daily Goal:**

---

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**Weather:**

---

**Temp AM:**

---

**PM:**

---

**Safety Meeting:**

---

---

**CHECKLIST**

- Poly barriers airtight
- Negative air pressure
- Decon operational
- Surfactant encap. pump
- Air Monitoring
- Double bagged & secure
- Mats. distrib. & secure
- Facility Secure
- Work area clean
- Daily inventory
- Vehicle Check
- Equipment Check

---

**EMPLOYEE**

- Training
- Medical Exams
- Respiratory Test

---

**FIELD DOC.**

- Field Report
- Payroll Report
- Waste Manifest

---

**PPE**

- ½ Mask
- PAPR
- Suits
- Boots
- Gloves
- Hard Hat
- Safety Glass
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<tr>
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<tbody>
<tr>
<td>Preparation</td>
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<tr>
<td>Removal</td>
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<tr>
<td>Cleanup</td>
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<td>Other (Specific):</td>
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<tr>
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<tr>
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<td>Daily inventory</td>
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<td>Equipment Check</td>
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<td>Medical Exams</td>
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<td>Respiratory Test</td>
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<tr>
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<tr>
<td>1/2 Mask</td>
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<td>PAPR</td>
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<tr>
<td>Suits</td>
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<tr>
<td>Boots</td>
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<td>Gloves</td>
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<tr>
<td>Hard Hat</td>
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<tr>
<td>Safety Glass</td>
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**Austin-Bergstrom International Airport**

Airport Expansion Development Program Environmental Assessment

---

**DAILY LOG**

Job # 21475

Tx 78642

Project Name: **ABIA South Campus Abatement**

Supervisor: **Luis Tramo**

Date: **09/15/21**

% of Job Complete: **( )**

---

Work Performed Today (Detail): 7:00 AAR Supervisor & abatement crew arrive on site & sign in.

7:10 crew begins to clean out rooms 3, office, supply room, 1 patio cleaning room & prep splash guard for bldg 8175.

10:00 complete prep crew begins to RFCI using next gun & removing bit while.

10:00 complete RFCI at all rooms & removed of mater located only in utility room. All waste is hauled to container.

12:00 Break for lunch.

1:00: Return & crew prepares your bag in mechanical room for bldg 8175.

4:10: Complete prep at gavel bag in mechanical room, crew begins to install tools.

**Seq:** Depriot works to:

---

Problems -Delays:

---

Extra Work:

---

Next Daily Goal:

---

Supervisor: **Signature**
**SIGN IN / OUT CONTAINMENT LOG**

**DATE:** 9/3/21

**PROJECT:** ABIA South Campus Addition

**SUPERINTENDENT:**

<table>
<thead>
<tr>
<th>SIGNATURE</th>
<th>PRINTED NAME</th>
<th>EMPLOYEE NO #</th>
<th>EMPLOYER</th>
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<th>TIME OUT</th>
<th>TIME IN</th>
<th>TIME OUT</th>
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<td>73-2732</td>
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<tr>
<td>Daniel O'cz</td>
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## SIGN IN / OUT CONTAINMENT LOG

**DATE:** 9-9-21  
**SUPERINTENDENT:**  
**PROJECT:** Austin-Bergstrom International Airport  
**JOB No.:** 214175

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### SIGN IN / OUT CONTAINMENT LOG

**DATE:** 9-10-21

**SUPERINTENDENT:**

**PROJECT:** ABIA South Campus Office

**JOB No.:** 214175

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SECTION 9

Building 8195

- Daily Observations
- Daily Air Sampling Log
- Final Clearance Air Sampling Log
- Laboratory Report(s)
- Photographs
- Contractor Daily Observations
- Contractor Daily Sign-In Sheets
FERCAM GROUP

DAILY LOG

ABIA SOUTH CAMPUS ABATEMENT 3600 PRESIDENTIAL BLVD
START DATE 09/21/2021 PROJECT NUMBER 2007061

06:45 Fercam rep, abatement supervisor and crew arrived job site.
06:50 Abatement supervisor and the crew had a safety meeting.
06:55 Fercam rep discussed with supervisor crew with a beard. He either shave, go home or handle task that do not require using respirator. Supervisor agreed.
07:00 Fercam rep and supervisor walked around the work area in building 8195. Crew will prep work area for removal.
07:10 Abatement crew moving equipment out of building 8175 close to 8195.
07:15 Fercam rep calibrated area air monitoring pumps at 15lpm for baseline in building 8195.
07:30 Fercam rep doing paperwork.
08:45 Fercam rep collected all monitoring pumps for baseline in building 8195.
09:00 Abatement crew continue to move equipment to building 8195.
09:25 Fercam rep calibrated area air monitoring pumps at 2lpm for prepping in building 8195. Crew starts cleaning, pulling carpets and prepping work area.
10:30 Abatement crew pulling carpets and prepping work area in building 8195.
11:55 Abatement crew went to lunch break.
12:50 Abatement crew came back from lunch break.
13:00 Abatement crew resumed prepping work area in building 8195.
15:00 Abatement crew continued prepping work area in building 8195.
16:45 Abatement crew stopped prepping work area in building 8195.
17:00 Abatement crew left the jobsite.
DAILY LOG

ABIA SOUTH CAMPUS ABATEMENT 3600 PRESIDENTIAL BLVD
START DATE 09/22/2021 PROJECT NUMBER 2007061

06:40 Fercam rep, abatement supervisor and crew arrived job site.
06:45 Abatement supervisor conducted a safety meeting with the crew.
07:55 Fercam rep and supervisor walked around the work area in building 8195. Crew will continue prepping the work area for abatement.
07:05 Fercam rep calibrated area air monitoring pumps at 2lpm for prepping in building 8195.
07:15 Fercam rep doing paperwork.
09:00 Abatement crew prepping work area in building 8195.
10:00 Abatement crew continued with prepping of work area in building 8195.
12:00 Abatement crew went to lunch break.
12:55 Abatement crew came back from lunch break.
13:05 Abatement crew resumed prepping the work area in building 8195.
15:00 Abatement crew prepping work area in building 8195.
16:00 TDSHS rep, Brett Harris arrived for inspection. Inspection was good.
16:50 Abatement crew stopped prepping work area in building 8195. Fercam rep collected all area air monitoring pumps.
17:00 Abatement crew left the jobsite.
06:40 Fercam rep and abatement supervisor with crew arrived at the job site.

06:45 Abatement supervisor together with the crew had a safety meeting.

07:00 Fercam rep and supervisor walked through the containment in building 8195. Crew will start removal of floor tiles and mastic.

07:10 Containment is good for crew will start abatement of floor tiles and mastic.

07:15 Fercam rep calibrated area air monitoring pumps at 2lpm for removal of floor tiles and mastic in building 8195.

07:20 Abatement crew in PPE gear entered containment for removal of floor tiles and mastic.

07:45 Fercam rep start paperwork of the day.

09:00 Abatement crew removing floor tiles and mastic in building 8195.

10:00 Fercam rep observed crew removing floor tiles and mastic in building 8195.

11:55 Abatement crew went to lunch break.

12:50 Abatement crew came back from lunch break.

13:05 Abatement crew entered containment to resume removal of floor tiles and mastic.

14:30 Abatement crew removing floor tiles, mastic, and cleaning in building 8195.

15:30 Abatement crew continued removing, cleaning, and bagging of floor tiles and mastic in building 8195.

16:45 Abatement crew showered and exit the containment.

17:00 Abatement crew left the jobsite.
06:45 Fercam rep and abatement supervisor with crew arrived at the job site.
06:50 Abatement supervisor and the crew had a safety meeting.
07:00 Fercam rep and supervisor walked through the containment in building 8195. Crew will bag out and continue with removal of floor tiles and mastic.
07:20 Fercam rep calibrated area air monitoring pumps at 2lpm for removal of floor tiles and mastic in building 8195.
07:45 Abatement crew doing bag out.
08:00 Fercam rep start paperwork of the day.
09:00 Abatement crew completed bagging out and removing floor tiles and mastic total bags taken out is 345 bags.
10:00 Abatement crew removing floor tiles, mastic and cleaning in building 8195.
11:55 Abatement crew went to lunch break.
12:50 Abatement crew came back from lunch break.
13:00 Abatement crew resumed removal of floor tiles and mastic in building 8195.
13:30 Fercam rep doing paperwork.
14:00 Abatement crew removing floor tiles, mastic and cleaning.
15:00 Abatement crew busy with removal of floor tiles and mastic and cleaning and bagging in building 8195.
16:00 Abatement crew removing black mastic and cleaning in building 8195.
16:45 Abatement crew showered and exit containment.
17:00 Abatement crew left the jobsite.
06:40 Fercam rep and abatement supervisor and the crew arrived at the job site.
06:45 Abatement supervisor had a safety meeting with the crew.
06:50 Fercam rep and abatement supervisor walked through the containment in building 8195. Crew will continue with removal of floor tiles and mastic.
07:00 Fercam rep calibrated area air monitoring pumps at 2lpm for removal of floor tiles and mastic in building 8195.
07:50 Fercam rep start paperwork of the day.
09:00 Abatement crew removing floor tiles, mastic and cleaning in building 8195.
10:00 Abatement crew continued with the removal of black mastic and cleaning.
11:55 Abatement crew went to lunch break.
12:55 Abatement crew came back from lunch break.
13:05 Abatement crew removing duct insulation in building 8195.
14:35 Abatement crew bagging out removed insulation and black mastic.
15:15 Abatement crew completed bag out.
15:30 Abatement supervisor request for visual of containment.
16:00 Fercam rep did visual and request for more detail cleaning of containment.
16:20 Fercam rep collected all area air monitoring pumps. Abatement crew encapsulating containment. Fercam rep will run final clearance next day.
17:00 Abatement crew showered and exit containment.
17:10 Abatement crew left the jobsite.
06:40 Fercam rep, abatement supervisor and crew arrived at the job site.
06:45 Abatement supervisor did a safety meeting with the crew.
07:00 Fercam rep and abatement supervisor walked through the containment in building 8195. Rep will run clearance and crew will prep for second phase.
07:35 Fercam rep calibrated area air monitoring pumps at 14lpm for final clearance in building 8195.
08:10 Fercam rep calibrated area air monitoring pumps at 2lpm for prepping of second phase containment in building 8195.
08:15 Abatement crew prepping second phase of building 8195
08:45 Fercam rep start paperwork of the day.
09:08 Fercam rep collected all monitoring pumps for final clearance.
09:20 Fercam rep prepping final clearance cassettes for sample readings.
10:00 Fercam rep completed sample readings. Sample readings are good. Clearance passed and supervisor is advised to tear down containment.
12:00 Abatement crew went to lunch break.
12:55 Abatement crew came back from lunch break.
13:00 Abatement crew resumed prepping second phase of building 8195.
14:00 Abatement crew prepping second phase of building 8195.
15:30 Abatement crew continued with prepping second phase in building 8195.
16:45 Abatement crew stopped prepping. Fercam rep collected monitoring pumps.
17:00 Abatement crew left the jobsite.
06:45 Fercam rep, abatement supervisor and the crew arrived at the job site.
06:50 Abatement supervisor and the crew had a safety meeting.
07:00 Fercam rep and abatement supervisor walked through the second phase containment in building 8195. Crew will finish prepping and afterwards start removal of floor tiles, mastic and duct insulation.
07:15 Fercam rep calibrated area air monitoring pumps at 2lpm for prepping.
07:35 Fercam rep start paperwork of the day.
09:30 Abatement supervisor request for visual of containment. Visual is good
10:00 Fercam rep calibrated area air monitoring pumps at 2lpm for removal of floor tiles and mastic, second phase in building 8195.
11:00 Abatement crew removing floor tiles and mastic in building 8196.
12:00 Abatement crew went to lunch break.
12:55 Abatement crew came back from lunch break.
13:05 Abatement crew in PPE gear entered containment to resume removal of floor tiles and mastic, second phase in building 8195.
14:50 Abatement crew starts bagging out.
15:40 Abatement crew completed bagging out for a total of 320 bags.
16:00 Abatement crew continued with removal of floor tiles and mastic, second phase in building 8195.
16:50 Abatement crew showered and exit containment. Fercam rep collected all area air monitoring pumps.
17:10 Abatement crew left the jobsite.
FERCAM GROUP

DAILY LOG

ABIA SOUTH CAMPUS ABATEMENT 3600 PRESIDENTIAL BLVD
START DATE 09/30/2021 PROJECT NUMBER 2007061

06:45 Fercam rep, abatement supervisor and crew arrived job site.
06:50 Abatement supervisor and the crew had a safety meeting.
07:00 Fercam rep and abatement supervisor did a walk through the second phase containment in building 8195. Crew continue with removal of floor tiles, mastic and duct insulation.
07:10 Fercam rep calibrated area air monitoring pumps at 2lpm for prepping.
07:45 Fercam rep start paperwork of the day.
09:00 Abatement crew removing floor tiles, mastic and cleaning in building 8195.
10:30 Abatement crew continue to remove floor tiles, mastic and cleaning.
11:55 Abatement crew are on lunch break.
12:50 Abatement crew came back from lunch break.
13:00 Abatement crew resumed removal of mastic, duct insulation and cleaning.
14:00 Abatement crew removing mastic, duct insulation and cleaning.
15:00 Abatement crew continued with removal of mastic and duct insulation and cleaning, second phase in building 8195.
16:00 Fercam rep observed crew removing mastic, duct insulation and cleaning.
16:45 Abatement crew showered and exit containment. Fercam rep collected all area air monitoring pumps.
17:00 Abatement crew left the jobsite.
FERCAM GROUP

DAILY LOG

ABIA SOUTH CAMPUS ABATEMENT 3600 PRESIDENTIAL BLVD
START DATE 10/01/2021
PROJECT NUMBER 2007061

06:50 Fercam rep, abatement supervisor and crew arrived job site.
06:55 Abatement supervisor and the crew had a safety meeting.
07:00 Fercam rep and abatement supervisor did a walk through and a visual of the second phase containment in building 8195. Rep will run clearance and crew will start prepping of the third phase in building 8195.
07:20 Fercam completes visual. Visual is good. Crew will encapsulate containment.
07:30 Fercam rep start paperwork of the day.
08:00 Fercam rep calibrated area monitoring pumps at 14lpm for final clearance.
08:30 Abatement crew cleaning area for third phase containment in building 8195.
09:00 Fercam rep calibrated area monitoring pumps at 2lpm for prepping, third phase of building 8195.
09:35 Fercam rep collected all area monitoring pumps for final clearance.
09:50 Fercam rep prepping final clearance cassettes for sample readings.
10:40 Fercam rep completed reading of final clearance. Readings are good. Clearance passed. Supervisor advised to tear down containment.
11:55 Abatement crew went to lunch break.
12:50 Abatement crew came back from lunch break.
13:00 Abatement crew resumed prepping of third phase in building 8195.
14:30 Abatement crew continued prepping third phase of building 8195.
16:40 Abatement crew stopped prepping. Rep collected monitoring pumps.
17:00 Abatement crew left jobsite.
06:45 Fercam rep, abatement supervisor and crew arrived job site.
06:50 Abatement supervisor and the crew had a safety meeting.
07:00 Fercam rep and abatement supervisor did a walk through of the work area. Crew will continue prepping of the third phase in building 8195.
07:10 Fercam rep calibrated area air monitoring pumps at 2lpm for prepping.
07:20 Fercam rep start paperwork of the day.
10:00 Abatement crew prepping, third phase of building 8195.
11:55 Abatement crew went to lunch break.
12:50 Abatement crew came back from lunch break.
13:00 Abatement supervisor request for inspection of containment. Inspection is good. Rep collected all area monitoring pumps
13:15 Fercam rep calibrated area monitoring pumps at 2lpm for removal of floor tiles and duct insulation, third phase of building 8195.
14:30 Abatement crew continued with removal of floor tiles and mastic and cleaning in building 8195.
15:00 Abatement crew bagging out.
15:45 Abatement crew completed bagging out for a total of 203 bags.
16:00 Abatement crew removing black mastic and cleaning in building 8195.
16:47 Abatement crew showered and exit containment. Rep collected all area air monitoring pumps.
17:00 Abatement crew left the jobsite.
DAILY LOG

ABIA SOUTH CAMPUS ABATEMENT 3600 PRESIDENTIAL BLVD

START DATE 10/05/2021

PROJECT NUMBER 2007061

06:40 Fercam rep, the supervisor and the crew arrived at the job site.

06:45 Abatement supervisor and the crew had a safety meeting.

07:50 Fercam rep and abatement supervisor had a walkthrough of the containment.
   Abatement crew will continue with removal of floor tiles, mastic, duct insulation and sheetrock, of the third phase in building 8195.

07:05 Fercam rep calibrated area air monitoring pumps at 2lpm for removal.

07:30 Fercam rep start paperwork of the day.

09:00 Abatement crew removing black mastic and cleaning.

10:30 Abatement crew continued removing black mastic, duct insulation and cleaning, third phase of building 8195.

11:05 Abatement crew bag out.

11:15 Abatement crew completed bag out for a total of 20 bags.

11:30 Abatement supervisor request for visual of containment. Rep notice some mastic residual and request for more scrubbing and detail cleaning.

12:00 Abatement crew went to lunch break.

12:55 Abatement crew came back from lunch break.

13:10 Abatement crew detail cleaning the containment.


14:00 Fercam rep calibrated area up and down wind monitoring pumps at 2lpm for removal of window caulking, third phase of building 8195.
14:15 Fercam rep calibrated area air monitoring pumps at 14lpm for final clearance.

14:48 Abatement crew completed removal of window caulking. Fercam rep collected up and down wind pumps.

15:50 Fercam rep collected all area air monitoring pumps for final clearance.

16:00 Fercam rep prepping clearance cassettes for sample readings.

16:25 Fercam rep completed sample readings of clearance cassettes. Sample readings are good. Containment passed clearance.

17:00 Abatement crew left the jobsite.
FERCAM GROUP

DAILY LOG

ABIA SOUTH CAMPUS ABATEMENT 3600 PRESIDENTIAL BLVD
START DATE 10/06/2021 PROJECT NUMBER 2007061

06:40 Fercam rep, the supervisor and crew arrived at the job site.
06:45 Abatement supervisor conducted safety meeting with the crew.
06:55 Fercam rep and abatement supervisor discussed the day schedule. Abatement crew will continue with removal of dry walls and black roofing tar, the third phase in building 8195.
07:10 Abatement crew tearing down the containment.
07:15 Fercam rep start paperwork of the day.
09:00 Abatement crew continue to tear down containment.
10:00 Fercam rep calibrated area air monitoring pumps at 2lpm for removal of drywall in mechanical room, third phase building 8195.
11:55 Abatement crew went to lunch break.
12:50 Abatement crew came back from lunch break.
13:00 Abatement crew resumed removal of drywall in mechanical room building 8195.
13:42 Abatement crew completed bagging out for a total of 23 bags.
14:05 Abatement crew completed removal of drywall, third phase, mechanical room building 8195. Rep collected all area monitoring pumps.
14:20 Fercam rep calibrated area monitoring pumps at 14lpm for final clearance.
14:55 Abatement crew prepping and removing black roofing tar in building 8195.
FERCAM GROUP

15:40 Abatement crew completed removal of black roofing tar in building 8195.
15:54 Fercam rep collected all area air monitoring pumps for final clearance.
16:10 Fercam rep prepping final clearance cassettes for sample readings.
16:40 Fercam rep completed sample readings for final clearance cassettes. Sample reading are good. Clearance passed.
17:00 Abatement crew left the jobsite.
06:45 Fercam rep, the supervisor and crew arrived at the job site.
06:50 Abatement supervisor conducted safety meeting with the crew.
07:00 Fercam rep and abatement supervisor went to inspect building 8190. Crew will prep and remove windows glazing, doors caulking and roof flashing.
08:30 Fercam rep calibrated area up and down wind monitoring pumps at 2lpm for removal of windows glazing and door caulking in building 8190.
08:40 Abatement crew in PPE start removal of window glazing and door caulking.
10:00 Abatement crew removing windows glazing and door caulking in building 8190.
11:55 Abatement crew went to lunch break. Rep collected area monitoring pumps.
12:50 Abatement crew came back from lunch break.
12:55 Fercam rep calibrated area up and down wind pumps at 2lpm for removal of windows glazing and doors caulking in building 8190.
13:00 Abatement crew resumed removal of windows glazing and floor caulking in building 8190.
14:00 Abatement crew removing windows glazing and doors caulking in building 8190.
15:00 Abatement crew continued with removal of windows glazing and doors caulking in building 8190.
16:45 Abatement crew stopped removal of windows glazing and doors caulking, decon at decontamination station. Rep collected all area monitoring pumps.
17:00 Abatement crew left the jobsite.
06:50 Fercam rep, the supervisor and crew arrived at the job site.

06:55 Abatement supervisor conducted safety meeting with the crew.

07:00 Fercam rep and abatement supervisor went over the work schedule in building 8190. Crew will continue removal of windows glazing, doors caulking and roof flashing.

07:30 Fercam rep calibrated area up and down wind monitoring pumps at 2lpm for removal of roof flashing in building 8190.

07:40 Abatement crew start removal of roof flashing in building 8190.

08:00 Fercam rep start paperwork of the day.

08:30 Abatement crew removing roof flashing in building 8190.

11:30 Abatement crew completed removal of roof flashing in building 8190. Rep collected all area monitoring pumps.

11:55 Abatement crew went to lunch break.

12:50 Abatement crew came back from lunch break.

13:05 Fercam rep calibrated area monitoring pumps at 2lpm for removal of windows glazing and door caulking in building 8190.

14:30 Abatement crew removing window glazing and door caulking in building 8190.

15:30 Abatement crew continued with removal of window glazing and door caulking in building 8190.

16:30 Abatement crew completed removal of window glazing and door caulking in building 8190. Rep collected all area monitoring pumps.

17:00 Abatement crew left the jobsite.
# Table 1
**DAILY AIR SAMPLING LOG – BY PCM ANALYSIS**

<table>
<thead>
<tr>
<th>Sample No.</th>
<th>Sample Type</th>
<th>Sample Location</th>
<th>Date</th>
<th>Air Volume (liters)</th>
<th>Quantification Limit (f/cc)</th>
<th>Fiber Concentration (f/cc)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LS-0393</td>
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</tbody>
</table>

**LEGEND**

- **A** = Abatement
- **BL** = Baseline
- **FC** = Final Clearance
- **N/A** = Not Applicable
- **PCM** = Phase Contrast Microscopy
- **PW** = Preparation Work

- **f/cc** = fibers per cubic centimeter

_Austin-Bergstrom International Airport_  
_Airport Expansion Development Program Environmental Assessment_  
_G-205_
### Table 1
**Daily Air Sampling Log – By PCM Analysis**

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<tr>
<th>Sample No.</th>
<th>Sample Type</th>
<th>Sample Location</th>
<th>Date</th>
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<th>Fiber Concentration (f/cc)</th>
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</thead>
<tbody>
<tr>
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<td>PREPPING 2 - HALLWAY</td>
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</tbody>
</table>

**Legend**

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DAILY AIR SAMPLING LOG – BY PCM ANALYSIS

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<tr>
<th>Sample No.</th>
<th>Sample Type</th>
<th>Sample Location</th>
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<th>Air Volume (liters)</th>
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</tbody>
</table>

**LEGEND**

A = Abatement  BL = Baseline  FC = Final Clearance  N/A = Not Applicable
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## Table 1
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<tr>
<th>Sample No.</th>
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<th>Air Volume (liters)</th>
<th>Quantification Limit (f/cc)</th>
<th>Fiber Concentration (f/cc)</th>
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</tbody>
</table>

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**DAILY AIR SAMPLING LOG – BY PCM ANALYSIS**

<table>
<thead>
<tr>
<th>Sample No.</th>
<th>Sample Type</th>
<th>Sample Location</th>
<th>Date</th>
<th>Air Volume (liters)</th>
<th>Quantification Limit (f/cc)</th>
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**LEGEND**

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PCM = Phase Contrast Microscopy  
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<thead>
<tr>
<th>Sample No.</th>
<th>Sample Type</th>
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Table 1
DAILY AIR SAMPLING LOG – BY PCM ANALYSIS

<table>
<thead>
<tr>
<th>Sample No.</th>
<th>Sample Type</th>
<th>Sample Location</th>
<th>Date</th>
<th>Air Volume (liters)</th>
<th>Quantification Limit (f/cc)</th>
<th>Fiber Concentration (f/cc)</th>
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<table>
<thead>
<tr>
<th>Sample No.</th>
<th>Sample Type</th>
<th>Sample Location</th>
<th>Date</th>
<th>Air Volume (liters)</th>
<th>Quantification Limit (f/cc)</th>
<th>Fiber Concentration (f/cc)</th>
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</table>

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DAILY AIR SAMPLING LOG – BY PCM ANALYSIS

<table>
<thead>
<tr>
<th>PROJECT NAME:</th>
<th>South Campus Military Hangar Abatement Oversite</th>
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<td>INSPECTION FIRM:</td>
<td>Fercam Group</td>
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<tr>
<td>SITE ADDRESS:</td>
<td>3600 Presidential</td>
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<tr>
<td>Fercam Group</td>
<td>Austin, Texas 78719</td>
</tr>
<tr>
<td>ASBESTOS CONSULTANT(S):</td>
<td>Fernando Yepez</td>
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<td>AREA(S) ABATED:</td>
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<tr>
<td>DATE OF ABATEMENT:</td>
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<table>
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<th>Sample No.</th>
<th>Sample Type</th>
<th>Sample Location</th>
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<tr>
<th>Sample No.</th>
<th>Sample Type</th>
<th>Sample Location</th>
<th>Date</th>
<th>Air Volume (liters)</th>
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## Daily Air Sampling Log – By PCM Analysis

<table>
<thead>
<tr>
<th>Sample No.</th>
<th>Sample Type</th>
<th>Sample Location</th>
<th>Date</th>
<th>Air Volume (liters)</th>
<th>Quantification Limit (f/cc)</th>
<th>Fiber Concentration (f/cc)</th>
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</tbody>
</table>

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<table>
<thead>
<tr>
<th>Sample No.</th>
<th>Sample Type</th>
<th>Sample Location</th>
<th>Date</th>
<th>Air Volume (liters)</th>
<th>Quantification Limit (f/cc)</th>
<th>Fiber Concentration (f/cc)</th>
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<table>
<thead>
<tr>
<th>Sample No.</th>
<th>Sample Type</th>
<th>Sample Location</th>
<th>Date</th>
<th>Air Volume (liters)</th>
<th>Quantification Limit (f/cc)</th>
<th>Fiber Concentration (f/cc)</th>
</tr>
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<tbody>
<tr>
<td>LS-0519</td>
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<tr>
<td>LS-0522</td>
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**LEGEND**

A = Abatement  
BL = Baseline  
FC = Final Clearance  
N/A = Not Applicable  
f/cc = fibers per cubic centimeter  
PCM = Phase Contrast Microscopy  
PW = Preparation Work
# Table 1

**DAILY AIR SAMPLING LOG – BY PCM ANALYSIS**

<table>
<thead>
<tr>
<th>PROJECT NAME:</th>
<th>South Campus Military Hangar Abatement Oversite</th>
<th>INSPECTION FIRM:</th>
<th>Fercam Group</th>
</tr>
</thead>
</table>
| SITE ADDRESS: | 3600 Presidential  
Austin, Texas  78719 | ASBESTOS CONSULTANT(S): | Fernando Yepez |
| AREA(S) ABATED: | 15 Buildings, Interior and Exterior | DATE OF ABATEMENT: | August 16, 2021 – November 19, 2021 |

<table>
<thead>
<tr>
<th>Sample No.</th>
<th>Sample Type</th>
<th>Sample Location</th>
<th>Date</th>
<th>Air Volume (liters)</th>
<th>Quantification Limit (f/cc)</th>
<th>Fiber Concentration (f/cc)</th>
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<tbody>
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<td>LS-0538</td>
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* Austin-Bergstrom International Airport  
  Airport Expansion Development Program Environmental Assessment  
  G-218
# Table 1

**DAILY AIR SAMPLING LOG – BY PCM ANALYSIS**

<table>
<thead>
<tr>
<th>Sample No.</th>
<th>Sample Type</th>
<th>Sample Location</th>
<th>Date</th>
<th>Air Volume (liters)</th>
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<th>Fiber Concentration (f/cc)</th>
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<tbody>
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</table>

**LEGEND**

- **A** = Abatement  
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## Table 1

**DAILY AIR SAMPLING LOG – BY PCM ANALYSIS**

<table>
<thead>
<tr>
<th>Sample No.</th>
<th>Sample Type</th>
<th>Sample Location</th>
<th>Date</th>
<th>Air Volume (liters)</th>
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<th>Fiber Concentration (f/cc)</th>
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<td>1.002</td>
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# Table 2
## FINAL CLEARANCE AIR SAMPLING LOG – BY PCM ANALYSIS

<table>
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<tr>
<th>Sample No.</th>
<th>Sample Type</th>
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<th>Date</th>
<th>Air Volume (liters)</th>
<th>Quantification Limit (f/cc)</th>
<th>Fiber Concentration (f/cc)</th>
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<tbody>
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<tr>
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</tbody>
</table>

### LEGEND
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---

Austin-Bergstrom International Airport  
Airport Expansion Development Program Environmental Assessment  
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## Table 2
**Final Clearance Air Sampling Log – By PCM Analysis**

<table>
<thead>
<tr>
<th>Sample No.</th>
<th>Sample Type</th>
<th>Sample Location</th>
<th>Date</th>
<th>Air Volume (liters)</th>
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</tbody>
</table>

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*Austin-Bergstrom International Airport
Airport Expansion Development Program Environmental Assessment*
# Table 2

**Final Clearance Air Sampling Log – By PCM Analysis**

<table>
<thead>
<tr>
<th>Sample No.</th>
<th>Sample Type</th>
<th>Sample Location</th>
<th>Date</th>
<th>Air Volume (liters)</th>
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<th>Fiber Concentration (f/cc)</th>
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</tr>
</tbody>
</table>

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<table>
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<th>Description</th>
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<th>Start Time</th>
<th>Stop Time</th>
<th>Blank Count</th>
<th>Total Time (MINS)</th>
<th>Volume (VOL)</th>
<th># of Fibers</th>
<th>CV*</th>
<th>LOQ*</th>
<th>Fiber Density (f/mm)</th>
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<td>0.004</td>
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<td>0.004</td>
<td>1.27</td>
<td>0.001</td>
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* CV = Coefficient Of Variation (See table)  
**BR = Barrier  
CR = Clean Room  
IWA = Inside Work Area  
PS = Personnel  
LOQ = 4.9044 / VOL  
BL = Base Line  
FC = Final Clearance  
NAM = Negative Air Machine  
QCB = Quality Control Blank  
Thereby certify that the above samples have been analyzed by Phase Contrast Microscopy in accordance with the NIOSH 7400 method using the "A" Counting rules.

Contractor: AAR Incorporated  
Supervisor’s Name: LUIS TREVINO  
No. of Workers: 8  
PPE Used: YES  
Analyst: (Print Name) LADI SODIPE  
Signature: ladi sodipe
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Contractor: AAR Incorporated  
Supervisor’s Name: LUIS TREVINO  
No. of Workers: 6  
PPE Used: YES  

Analysis: (Print Name) LADI SODIPE  
Signature: ladi sodipe
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<th># of Fibers</th>
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<th>LOQ*</th>
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<th>Fiber Conc, upper Con limit (f/cc)</th>
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Contractor: AAR Incorporated  
Supervisor’s Name: LUIS TREVINO  
No. of Workers: 6  
PPE Used: YES  
Analyst: (Print Name) LADI SODIPE  
Signature: ladi sodipe
# AIR MONITORING DATA FORM

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QCB = Quality Control Blank

Thereby certify that the above samples have been analyzed by Phase Contrast Microscopy in accordance with the NIOSH 7400 method using the "A" Counting rules.

**Contractor:** AAR Incorporated  
**Supervisor’s Name:** LUIS TREVINO  
**No. of Workers:** 7  
**PPE Used:** YES  
**Project Name:** ABIA SOUTH CAMPUS ABATEMENT  
**Location:** 3601 PRESIDENTIAL BLVD TRAVIS AUSTIN  
**Project Manager:** LADI SODIPE  
**Project No.:** 2007061  
**Date:** 23-Sep-2021  
**Client:** CITY OF AUSTIN  
**Activity:** AIR MONITORING

**FIELD BLANK**

**INSIDE WORK AREA - 1**

**INSIDE WORK AREA - 2**

**INSIDE WORK AREA - 3**

**INSIDE WORK AREA - 4**

**OUTSIDE WORK AREA**

**DECONTAMINATION**

**NEGATIVE AIR MACHINE 1**

**NEGATIVE AIR MACHINE 2**

**NEGATIVE AIR MACHINE 3**

**Field Blank**

**Inside Work Area - 1**

**Inside Work Area - 2**

**Inside Work Area - 3**

**Inside Work Area - 4**

**Outside Work Area**

**Decontamination**

**Negative Air Machine 1**

**Negative Air Machine 2**

**Negative Air Machine 3**

Analyst: (Print Name) LADI SODIPE  
Signature: ladi sodipe
### AIR MONITORING DATA FORM

**Project Name:** ABIA SOUTH CAMPUS ABATEMENT  
**Location:** 3601 PRESIDENTIAL BLVD TRAVIS AUSTIN  
**Project Manager:** LADI SODIPE  
**Project No.:** 2007061

**LOCATION:** BLDG. 8195

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<th>Stop Time</th>
<th>Blank Count</th>
<th>Total Time (MINS)</th>
<th>Volume (VOL)</th>
<th># of Fibers</th>
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<th>LOQ*</th>
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**Supervisor’s Name:** LUIS TREVNIO  
**No. of Workers:** 7  
**PPE Used:** YES  
**Analyst:** (Print Name) LADI SODIPE  
**Signature:** ladi sodipe
## AIR MONITORING DATA FORM

### LOCATION: BLDG. 8195

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<th>Volume (VOL)</th>
<th># of Fibers</th>
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<th>LOQ*</th>
<th>Fiber Density (f/mm)</th>
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* CV = Coefficient Of Variation (See table)  **BR = Barrier  
LOQ = 4.9044 / VOL  BL = Base Line  
CR = Clean Room  FC = Final Clearance  
IWA = Inside Work Area  NAM = Negative Air Machine  
PS = Personnel  QCB = Quality Control Blank  

I hereby certify that the above samples have been analyzed by Phase Contrast Microscopy in accordance with the NIOSH 7400 method using the "A" Counting rules.

Contractor: AAR Incorporated

Supervisor’s Name: LUIS TREVIN

No. of Workers: 7

PPE Used: YES

**Signature:**

LADI SODIPE
# AIR MONITORING DATA FORM

**Project Name:** ABIA SOUTH CAMPUS ABATEMENT  
**Location:** 3601 PRESIDENTIAL BLVD TRAVIS AUSTIN  
**Project Manager:** LADI SODIPE  
**Project No.:** 2007061

### LOCATION: BLDG. 8195

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<th>Volume (VOL)</th>
<th># of Fields</th>
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* CV = Coefficient Of Variation (See table)  
**BR = Barrier  
BL = Base Line  
CR = Clean Room  
FC = Final Clearance  
IWA = Inside Work Area  
NAM = Negative Air Machine  
PS = Personnel  
QCB = Quality Control Blank  

I hereby certify that the above samples have been analyzed by Phase Contrast Microscopy in accordance with the NIOSH 7400 method using the "A" Counting rules.

**Contractor:** AAR Incorporated  
**Supervisor’s Name:** LUIS TREVINO  
**No. of Workers:** 7  
**PPE Used:** YES

**Analyst:** (Print Name) LADI SODIPE  
**Signature:** ladi sodipe
## AIR MONITORING DATA FORM

**Project Name:** ABIA SOUTH CAMPUS ABATEMENT  
**Location:** 3601 PRESIDENTIAL BLVD TRAVIS AUSTIN  
**Project Manager:** LADI SODIPE  
**Project No.:** 2007061

### LOCATION: BLDG. 8195

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**Contractor:** AAR Incorporated  
**Supervisor’s Name:** LUIS TREVINO  
**No. of Workers:** 8  
**PPE Used:** YES  
**Analyst:** (Print Name) LADI SODIPE  
**Signature:** ladi sodipe
## AIR MONITORING DATA FORM

**Date:** 28-Sep-2021  
**Client:** CITY OF AUSTIN  
**Activity:** PREPPING  
**Location:** BLDG. 8195 - PHASE 2

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<th>Blank Count</th>
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<th>Volume (VOL)</th>
<th># of Fibers</th>
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<th>Fiber Density (f/mm)</th>
<th>Fiber Conc. (f/cc)</th>
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**No. of Workers:** 8  
**PPE Used:** YES

**Analyst:** (Print Name) LADI SODIPE  
**Signature:** ladi sodipe
## AIR MONITORING DATA FORM

**Location:** BLDG. 8195 - PHASE 2

### Sample Description

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* CV = Coefficient Of Variation (See table)

* LOQ = 4.9044 / VOL

* BR = Barrier
* CR = Clean Room
* IWA = Inside Work Area
* PS = Personnel
* FC = Final Clearance
* NAM = Negative Air Machine
* QCB = Quality Control Blank

**Contractor:** AAR Incorporated  
**Supervisor's Name:** LUIS TREVINO  
**No. of Workers:** 8  
**PPE Used:** YES

---

I hereby certify that the above samples have been analyzed by Phase Contrast Microscopy in accordance with the NIOSH 7400 method using the "A" Counting rules.

**Analyst:** (Print Name) LADI SODIPE  
**Signature:** ladi sodipe
## AIR MONITORING DATA FORM

**Project Name:** ABIA SOUTH CAMPUS ABATEMENT  
**Location:** 3601 PRESIDENTIAL BLVD TRAVIS AUSTIN  
**Project Manager:** LADI SODIPE  
**Project No.:** 2007061

### LOCATION: BLDG. 8195 - 2ND PHASE

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<th># of Fibers</th>
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<th>LOQ*</th>
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**BAG OUT**

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<th>Volume (VOL)</th>
<th># of Fibers</th>
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<th>LOQ*</th>
<th>Fiber Density (f/mm)</th>
<th>Fiber Conc, upper Conc (f/cc)</th>
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** BR = Barrier  
BL = Base Line  
CR = Clean Room  
FC = Final Clearance  
IWA = Inside Work Area  
NAM = Negative Air Machine  
PS = Personnel  
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LOQ = 4.9044 / VOL

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Contractor: AAR Incorporated  
Supervisor’s Name: LUIS TREVINO  
No. of Workers: 7  
PPE Used: YES

Analyst: (Print Name) LADI SODIPE  
Signature: ladi sodipe
## AIR MONITORING DATA FORM

**Location:** BLDG. 8195 - 2ND PHASE

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<th>LOQ*</th>
<th>Fiber Density (f/mm)</th>
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</table>

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Contractor: AAR Incorporated
Supervisor’s Name: LUIS TREVINO
No. of Workers: 7
PPE Used: YES

Analyst: (Print Name) LADI SODIPE
Signature: ladi sodipe

### Austin-Bergstrom International Airport
Airport Expansion Development Program Environmental Assessment
## AIR MONITORING DATA FORM

**Project Name:** ABIA SOUTH CAMPUS ABATEMENT  
**Location:** 3601 PRESIDENTIAL BLVD TRAVIS AUSTIN  
**Project Manager:** LADI SODIPE  
**Project No.:** 2007061

### LOCATION: BLDG. 8195 - 2ND PHASE

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<th>Stop Time</th>
<th>Blank Count</th>
<th>Total Time (VOL)</th>
<th># of Fibers</th>
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<th>Fiber Density (f/mm)</th>
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Contractor: AAR Incorporated  
Supervisor’s Name: LUIS TREVINO  
No. of Workers: 8  
PPE Used: YES  

**I hereby certify that the above samples have been analyzed by Phase Contrast Microscopy in accordance with the NIOSH 7400 method using the “A” Counting rules.**

Signature: ladi sodipe
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</tbody>
</table>

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No. of Workers: 8  
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Analyst: (Print Name) LADI SODIPE  
Signature: ladi sodipe
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<th>LOQ*</th>
<th>Fiber Density (f/mm)</th>
<th>Fiber Conc, upper Con limit</th>
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* CV = Coefficient Of Variation (See table)

**BR = Barrier
CR = Clean Room
IWA = Inside Work Area
PS = Personnel
LOQ = 4.9044 / VOL
NAM = Negative Air Machine
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I hereby certify that the above samples have been
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## AIR MONITORING DATA FORM

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<th>Stop Time</th>
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<th># of Fibers</th>
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<th>LOQ*</th>
<th>Fiber Density (f/mm)</th>
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BL = Base Line  
CR = Clean Room  
FC = Final Clearance  
IWA = Inside Work Area  
NAM = Negative Air Machine  
QCB = Quality Control Blank  
PS = Personnel  
Thereby certify that the above samples have been analyzed by Phase Contrast Microscopy in accordance with the NIOSH 7400 method using the "A" Counting rules.

Contractor: **AAR Incorporated**  
Supervisor's Name: **LUIS TREVINO**  
No. of Workers: 8  
PPE Used: YES  
Analyst: **LADI SODIPE**  
Signature: **ladi sodipe**
## AIR MONITORING DATA FORM

**Project Name:** ABIA SOUTH CAMPUS ABATEMENT  
**Location:** 3601 PRESIDENTIAL BLVD TRAVIS AUSTIN  
**Project Manager:** LADI SODIPE  
**Project No.:** 2007061

### LOCATION: BLDG. 8195 - 3RD PHASE

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<th>LOQ*</th>
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PPE Used: YES  
Analyst: (Print Name) LADI SODIPE  
Signature: ladi sodipe
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No. of Workers: 8  
PPE Used: YES  
Analyst: (Print Name) LADI SODIPE  
Signature: ladi sodipe
## AIR MONITORING DATA FORM

**Project Name:** ABIA SOUTH CAMPUS ABATEMENT  
**Location:** 3601 PRESIDENTIAL BLVD TRAVIS AUSTIN  
**Project Manager:** LADI SODIPE  
**Project No.:** 2007061

### LOCATION: BLDG. 8195

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Contractor: AAR Incorporated  
Supervisor’s Name: LUIS TREVINO  
No. of Workers: 7  
PPE Used: YES  

Analyst: (Print Name) LADI SODIPE  
Signature: ladi sodipe
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</table>

* CV = Coefficient Of Variation (See table)  
**BR = Barrier  
CR = Clean Room  
IWA = Inside Work Area  
PS = Personnel  
BL = Base Line  
FC = Final Clearance  
NAM = Negative Air Machine  
QCB = Quality Control Blank  

Thereby certify that the above samples have been analyzed by Phase Contrast Microscopy in accordance with the NIOSH 7400 method using the "A" Counting rules.

Contractor: AAR Incorporated  
Supervisor’s Name: LUIS TREVINO  
No. of Workers: 8  
PPE Used: YES  
Analyst: (Print Name) LADI SODIPE  
Signature: ladi sodipe
## AIR MONITORING DATA FORM

### LOCATION:
BLDG. 8195

<table>
<thead>
<tr>
<th>Sample Number</th>
<th>Description</th>
<th>Flow Rate</th>
<th>Start Time</th>
<th>Stop Time</th>
<th>Blank Count</th>
<th>Total Time (MINS)</th>
<th>Volume (VOL)</th>
<th># of Fibers</th>
<th>CV*</th>
<th>LOQ*</th>
<th>Fiber Density (f/mm)</th>
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### AM

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* CV = Coefficient Of Variation (See table)  
**BR = Barrier  
BL = Base Line  
CR = Clean Room  
FC = Final Clearance  
IWA = Inside Work Area  
NAM = Negative Air Machine  
PS = Personnel  
QCB = Quality Control Blank  
I hereby certify that the above samples have been analyzed by Phase Contrast Microscopy in accordance with the NIOSH 7400 method using the "A" Counting rules.

Contractor: AAR Incorporated  
Supervisor’s Name: LUIS TREVINO  
No. of Workers: 10  
PPE Used: YES  
Analyst: (Print Name) LADI SODIPE  
Signature: ladi sodipe
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<th>Stop Time</th>
<th>Blank Count</th>
<th>Total Time (MINS)</th>
<th>Volume (VOL)</th>
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IWA = Inside Work Area  
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Contractor: AAR Incorporated  
Supervisor’s Name: LUIS TREVINO  
No. of Workers: 10  
PPE Used: YES  
Analyst: (Print Name) LADI SODIPE  
Signature: ladi sodipe
<table>
<thead>
<tr>
<th>Building 8195 Phase 1 thru Phase 3 &amp; Roof</th>
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<tbody>
<tr>
<td><img src="image1.png" alt="Photo 1" /></td>
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<tr>
<td><img src="image3.png" alt="Photo 3" /></td>
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**Building 8195 Phase 1 thru Phase 3 & Roof**

- ![Photo 5](image5.png)
- ![Photo 6](image6.png)
## Daily Log

**Job #: 214175**
**Tx 78642**

**Project Name:** A35A South Campus Abatement

**Supervisor:** Luis Inzunza

**Date:** 4.21.21

<table>
<thead>
<tr>
<th>% of Job Complete</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
</tbody>
</table>

### Work Performed Today (Detail):

- **7:00:** AAR supervisor & abatement crew arrive on site & sign in.
- **7:10:** Crew begins to move all tools from building B175 to second tool area B200.
- **7:40:** Super walks building B19S & locates barriers at containment.
- **8:00:** Crew loads up needed tools & materials needed for next block.
- **8:15:** Crew begins to pull carpet on west end of building B195 & pile it at way of 1st containment.
- **10:50:** Complete removing carpet in west area. Crew begins spreading barriers on windows & splash guard through out 1st area.
- **12:00:** Break for lunch.
- **1:00:** Return to continue to prep barriers & splash guard.
- **4:45:** Crew replaces water & gas line on prep & close up bldg.
- **5:00:** Depart worksite.

### Problems/Delays:

### Extra Work:

### Next Daily Goal:

---

**Weather:**

**Temp AM:**

**PM:**

**Safety Meeting:**

### Work Force

- Preparation
- Removal
- Cleanup
- Other (Specific)

### Subcontractors

### Checklist
- Poly barriers airtight
- Negative air pressure
- Decon operational
- Surfactant encap. pump
- Air Monitoring
- Double bagged & secure
- Mats, distrb. & secure
- Facility Secure
- Work area clean
- Daily inventory
- Vehicle Check
- Equipment Check

### Employee

- Training
- Medical Exams
- Respiratory Test

### Field Doc.

- Field Report
- Payroll Report
- Waste Manifest

### PPE

- % Mask
- PAPR
- Suits
- Boots
- Gloves
- Hard Hat
- Safety Glass
**Daily Log**

**Job #**: 214175  
**Tx**: 78642  
**Project Name**: ABIA South Campus Abatement  
**Supervisor**: Luis Trujillo  
**Date**: 9/22/21

| % of Job Complete | Weather:  
|-------------------|--------  
|                   |  

**Work Performed Today (Detail)**:

- 7:00 AAR supervisor & abatement crew arrive on site & sign in containment log.
- 7:30 Crew begins to prepare secondary prep area covering to contain pressure in containment.  
- 7:45 Set up neg. air & 3 stage shroud set.  
- 10:00 Containment is sprayed with neg pressure - 27. Walk through is performed ensuring few spots are pointed out. (waists & splashguard)  
- 11:45 Area is ready for removal.

- 12:00 Break for lunch  
- 1:00 Return & begin to sweep floor. Wet methods applied to control dust.  
- 3:00 Reach signing point on removal of tile & bag up.  
- 4:00 Area is picked up at AM. Crew finishes & out.  
- 5:00 Order work site.

<table>
<thead>
<tr>
<th>Problems - Delays:</th>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Extra Work:</th>
</tr>
</thead>
</table>

<table>
<thead>
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<th>Next Daily Goal:</th>
</tr>
</thead>
</table>

**Workforce**

- Preparation  
- Removal  
- Cleanup  
- Other (Specific)

**Subcontractors**

**Checklist**

- Poly barriers airtight  
- Negative air pressure  
- Decon operational  
- Surfactant encap. pump  
- Air Monitoring  
- Double bagged & secure  
- Mats, distrib. & secure  
- Facility Secure  
- Work area clean  
- Daily inventory  
- Vehicle Check  
- Equipment Check

**Employee**

- Training  
- Medical Exams  
- Respiratory Test

**Field Doc.**

- Field Report  
- Payroll Report  
- Waste Manifest

**PPE**

- ½ Mask  
- PAPR  
- Suits  
- Boots  
- Gloves  
- Hard Hat  
- Safety Goggles

---

**Austin-Bergstrom International Airport**  
**Airport Expansion Development Program Environmental Assessment**
% of Job Complete ( )

Work Performed Today (Detail):

7:00 - AAR supervisor & abatement crew arrive on site & sign in containment log.
7:15 - Crew is suited & enter containment. We begin to remove tile.
9:00 - Complete removal of tile in containment & bagging. Crew begins to

11:00 - Complete bagging. Crew showers out. Back in lunch.
1:00 - Return. Crew bagges mastic-removal
3:00 - Continue mastic-removal.
4:20 - Reach stopping point. Pick up removed/mixed mastic-removal.
4:40 - Crew showers out.
5:00 - Break for lunch.

Problems/Delays:

Extra Work:

Next Daily Goal:

Weather: 
Temp AM: PM: 
Safety Meeting: 

Work Force
Preparation ___
Removal  ___
Cleanup   ___
Other (Specific): ___

Subcontractors ___

Checklist
Poly barriers airtight ___
Negative air pressure ___
Decon operational ___
Surfactant encap. pump ___
Air Monitoring ___
Double bagged & secure ___
Mats, distrib. & secure ___
Facility Secure ___
Work area clean ___
Daily inventory ___
Vehicle Check ___
Equipment Check ___

Employee
Training ___
Medical Exams ___
Respiratory Test ___

Field Doc.
Field Report ___
Payroll Report ___
Waste Manifest ___

PPE
1/2 Mask ___
PAPR ___
Suits ___
Boots ___
Gloves ___
Hard Hat ___
Safety Glass ___

AAR Incorporated
925 US 183 North ~ Liberty Hill,
512-778-6800 ~ Fax 512-778-

Austin-Bergstrom International Airport
Airport Expansion Development Program Environmental Assessment
## DAILY LOG

**Job # 24175**

**Project Name:** 

**Supervisor:** Luis Trevino

**Date:** 4.24.21

<table>
<thead>
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<th>% of Job Complete</th>
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### Work Performed Today (Detail):

- **7:00:** AAR supervisor &xa0;chat &amp; crew arrive on site & sign in containment log.
- **7:15:** Crew is suited & entry containment & contact to remove black mastic.
- **Using bats & scrapers to control edges.**
- **10:30:** Contaminant mastic removed.
- **11:45:** Complete removing all black mastic & begin using mastic. Crew showers out.
- **12:00:** Break for lunch.
- **1:00:** Crew returns & continue in containment with removing duct insulation & wet methods applied to contain dust. Few bags are removed.
- **2:45:** Complete removing all mastic & begin using. Crew begins & cleans up & water up.
- **3:30:** Complete bagged. Crew showers out.
- **4:30:** Decontaminated.
- **4:45:** Departed work site.

### Problems/Delays:

- **Extra Work:**
- **Next Daily Goal:**

### Weather:

### Temp AM: PM:

### Safety Meeting:

### Work Force

- Preparation
- Removal
- Cleanup
- Other (Specific):

### Subcontractors

### Checklist

- Poly barriers airtight
- Negative air pressure
- Decon operational
- Surfactant encap, pumps
- Air Monitoring
- Doubled bagged & secure
- Mats, distrib. & secure
- Facility Secure
- Work area clean
- Daily inventory
- Vehicle Check
- Equipment Check

### Employee

- Training
- Medical Exams
- Respiratory Test

### Field Doc.

- Field Report
- Payroll Report
- Waste Manifest

### PPE

- 1/2 Mask
- PAPR
- Suits
- Boots
- Gloves
- Hard Hat
- Safety Glass

---

*Austin-Bergstrom International Airport*

*Airport Expansion Development Program Environmental Assessment G-252*
### DAILY LOG

**Job #** 2147S  
.Tx 78642

**Project Name:** ABA South Campus Adequacy  
6/15

**Supervisor:** Luis Trono  
Date: 9.27.21

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#### Work Performed Today (Detail): 7:00 AAR supervisor & containment crew arrive on site & sign in containment in bldg 2405.

7:15 crew is suited & enters containment to wash down with water & drying down walls & floors.

Full complete washing inspection is then performed by Artech.

9:15 vsd passes crw then enters & cinema out.

10:30 pumps are taken out & cleaned. Crew props vent in next work cycle (containment)

12:15 break for lunch

1:15 Return & containment passes change. Crew torn down containment & other gear, crw in next work area.

3:00 complete tear down of containment, pulling up complex, crew, then props & spillway, set up neg airs, 1 & 2 stage decontamination room.

5:00 containment is re-secured & ready for removal.

Crew departs work side.

#### Problems - Delays:

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<th>Extra Work:</th>
</tr>
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<tbody>
<tr>
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<table>
<thead>
<tr>
<th>Next Daily Goal:</th>
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#### Weather:

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#### Safety Meeting:

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#### WORK FORCE

- Preparation
- Removal
- Cleanup
- Other (Specific):

#### SUBCONTRACTORS

- Poly barriers airtight
- Negative air pressure
- Decon operational
- Surfactant encap. pump
- Air Monitoring
- Double bagged & secure
- Mats. distrib. & secure
- Facility secure
- Work area clean
- Daily inventory
- Vehicle Check
- Equipment Check

#### CHECKLIST

- Training
- Medical Exams
- Respiratory Test

#### FIELD DOC.

- Field Report
- Payroll Report
- Waste Manifest

#### PPE

- 1/2 Mask
- PAPR
- Suits
- Boots
- Gloves
- Hard Hat
- Safety Glass
**Work Performed Today:**

- 7:00: Arrive 
- 7:15: Get materials ready & begin to remove wood from the area 
- 7:30: Crew begins to bag the wood
- 11:45: Complete bagging of wood, crew begins to bag up the area
- 12:00: Crew begins to bag up the area
- 1:00: Crew begins to bag up all wood
- 3:30: Complete bagging of all wood, disposal of container, crew then
  cleans up & bag up wood
- 4:15: Crew cleans up & bag up wood
- 5:00: Deport work site

---

**Problems/ Delays:**

---

**Extra Work:**

---

**Next Daily Goal:**

---

**Weather:**

---

**Temp AM:**

---

**PM:**

---

**Safety Meeting:**

---

**Work Force**

- Preparation
- Removal
- Clean-up
- Other (Specific)

**Subcontractors**

- Poly barriers airtight
- Negative air pressure
- Duct operational
- Surfactant encap. pump
- Air Monitoring
- Double bagged & secure
- Mats. distrib. & secure
- Facility Secure
- Work area clean
- Daily inventory
- Vehicle Check
- Equipment Check

**Checklist**

- Training
- Medical Exams
- Respiratory Test

**Field Doc.**

- Field Report
- Payroll Report
- Waste Manifest

**PPE**

- ½ Mask
- PAPR
- Suits
- Boots
- Gloves
- Hard Hat
- Safety Glass
DAILY LOG
Job # 214175
Tx 78542

Project Name: ABTA South Campus Expansion

Supervisor: Luiz Torres
Date: 9/24/21

% of Job Complete ( )

Weather: 
Temp AM: _ _ PM: _ _
Safety Meeting: ____________

Work Perform Today (Detail): 7:00 AAR supervisor abatement crew came on site & sign in containment log.
7:15 crew is suited & enter containment 2 crew then begins mastic removal
7:30 using buffer & hand scrapers for details.
10:00 continue removing black mastic.
11:30 reach stopping point on Black mastic & clean up
11:50 crew showers out
12:00 break for lunch
1:00 take care & remove at Black mastic
4:40 reach stopping point & clean up mastic, crew then showers out
5:00 DEPART WORKSITE

Problems / Delays: ____________

Extra Work: ____________

Next Daily Goal: ____________

Supervisor: [Signature]

WORK FORCE
Preparation
Removal
Cleanup
Other (Specific) 

SUBCONTRACTORS

CHECKLIST
Poly barriers air-tight
Negative air pressure
Decon operational
Surfactant encap & pump
Air Monitoring
Double bagged & secure
Mats, distrub & secure
Facility secure
Work area clean
Daily inventory
Vehicle Check
Equipment Check

EMPLOYEE
Training
Medical Exams
Respiratory Test

FIELD DOC.
Field Report
Payroll Report
Waste Manifest

PPE
½ Mask
PAPR
Suits
Boots
Gloves
Hard Hat
Safety Glass
DAILY LOG

Job #: 214175
TX 78642

Project Name: ABIA South Campus Adjacent

Supervisor: Luis (Name)
Date: 9.30.21

% of Job Complete ( )

Work Performed Today (Detail): 7:00: AAR supervisor & abatement crew arrive on site & sign in containment log.
7:10: Crew is suited & outline black naphthal removal.
10:00: Complete removing black naphthal. Crew then details corner & edges of black naphthal using wire brush & hand scrapers.
11:45: Crew shower out
12:00: Break for lunch
1:00: Return & continue to detail corners & edges of black naphthal.
3:00: Complete detailing. Crew then removes insulation & double bag.
4:30: Bag & out all insulation & double bag of black naphthal.
4:50: Crew shower out.
6:00: Depart work site

Problems/Delays: (Granular loss of power)

Extra Work:

Next Daily Goal:

Weather: _______
Temp AM: ______ PM: ______
Safety Meeting: _______

WORK FORCE
Preparation
Removal
Cleanup
Other (Specific)

SUBCONTRACTORS

CHECKLIST
Poly barriers airtight
Negative air pressure
Decon operational
Surfactant encap & pump
Air Monitoring
Double bagged & secure
Mats, distrib, & secure
Facility Secure
Work area clean
Daily inventory
Vehicle Check
Equipment Check

EMPLOYEE
Training
Medical Exam
Respiratory Test

FIELD DOC.
Field Report
Payroll Report
Waste Manifest

PPE
1/2 Mask
PAPR
Suits
Boots
Glasses
Hard Hat
Safety Glass
**DAILY LOG**

**Job #** 21475

**Project Name:** Austin-Bergstrom International Airport Airport Expansion Development Program Environmental Assessment

**Supervisor:**

**Date:** 10-1-21

<table>
<thead>
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<th>% of Job Complete ( )</th>
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**Work Performed Today**

- 7:30: AAR supervisor & abatement crew arrive on site & sign in containment log.
- 7:45: Crew suits up to enter containment #2.
- 8:00: Complete encap crew then begins to take apart chairs in last walk area.
- 9:00: Pumps are set for clearance in containment #2.
- 10:00: Crew pulls apart + store in new warehouse.
- 12:00: Break for lunch.
- 1:00: Clearance passes for containment #2. Crew takes down #2 ladders continues to pull encap + prep spill yard.
- 3:00: Complete tear down. Crew continues to prep + pull encap.
- 4:00: Depart worksite.

**Problems/Delays:**

**Extra Work:**

**Next Daily Goal:**

---

**WORK FORCE**

| Weather: | __________ |
| Temp AM: | __________ |
| Temp PM: | __________ |
| Safety Meeting: | __________ |

**SUBCONTRACTORS**

- Poly barriers airtight
- Negative air pressure
- Decon operational
- Surfactant encap pump
- Air Monitoring
- Double bagged & secure
- Mats. distrib. & secure
- Facility Secure
- Work area clean
- Daily inventory
- Vehicle Check
- Equipment Check

**CHECKLIST**

- Training
- Medical Exams
- Respiratory Test

**EMPLOYEE**

- Field Report
- Payroll Report
- Waste Manifest

**PPE**

- 3/4 Mask
- PAPR
- Suits
- Boots
- Gloves
- Hard Hat
- Safety Glass
## Daily Log

**Job # 214175**  
**Tx 78642**

**Project Name:** ABIA South Campus Statement  
**Supervisor:** Luis Trevino  
**Date:** 10-4-21

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<th>Temp PM:</th>
<th>Safety Meeting:</th>
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### Work Performed Today (Detail):

- 7:00: AAR supervisor & abatement crew arrive on-site.
- 7:00: Sign in Containment Log
- 7:10: Crew continues to prep vents, bags, & 3 stage covers.
- 8:40: Containment is ready for abatement. Crew suits up & begin to remove Aar tile & bag up.
- 11:00: Complete stripping & tile & bagging, crewAvailability  
- 12:00: Lunch
- 1:00: Return & crew begins to double bag & bag all waste inside to container.
- 2:15: Crew begins to remove black mule.
- 4:24: Return stripping, sweep & clean work area. Crew then showers out.
- 5:00: Depart work site.

### Problems/Delays:

### Extra Work:

### Next Daily Goal:

---

**Employee**

- Training
- Medical Exams
- Respiratory Test

**Field Doc.**

- Field Report
- Payroll Report
- Waste Manifest

**PPE**

- ½ Mask
- PAPE
- Suits
- Boots
- Gloves
- Hard Hat
- Safety Glass
**DAILY LOG**

Job # 214175

Project Name: AAR Incorporated

Supervisor: Luis I. Navarro

Date: 10-5-21

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**Work Performed Today (Detail):**

7:00: AAR Supervisor & abatement crew arrive on site & sign in containment bag.

7:00: Crew is suited & begin removing black mat & ice in containment bag.

3:40: Complete removing black mat. Crew then begins to remove insulation & bagging.

18:40: Complete removing all material & double bagging crew bags out containment.

11:15: Complete bag out crew then exposes containment.

1:35: Used is performed & bag removed.

12:00: Crew showers & check for lunch.

1:00: Return & crew begins to prep under containment to then remove cooler.

2:35: Containment passes crew then down to put all tools in area.

2:40: Crew begins removal of cooler once prep is properly done.

3:30: Complete removal of cooler & cool window.

4:30: Complete tear down & removing all tools.

**Supervisor:**

---

**Work Force**

Preparation  
Removal  
Cleanup  
Other (Specific):__

**Subcontractors**

**Checklist**

Poly barriers airtight  
Negative air pressure  
Decon operational  
Surfactant encap. pump  
Air Monitoring  
Double bagged & secure  
Mats, distrib. & secure  
Facility Secure  
Work area clean  
Daily inventory  
Vehicle Check  
Equipment Check

**Employee**

Training  
Medical Exams  
Respiratory Test

**Field Doc.**

Field Report  
Payroll Report  
Waste Manifest

**PPE**

1/2 Mask  
PAPR  
Suits  
Boots  
Gloves  
Hard Hat  
Safety Glass

---

Austin-Bergstrom International Airport  
Airport Expansion Development Program Environmental Assessment
**Daily Log**

**Job #: 21475**

**Project Name:** ABTA 9th Corps Addition

**Supervisor:** Luis Trevino

**Date:** 10-6-21

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**Work Performed Today (Detail):**

- 7:00: AAC supervisor & on-site crew arrive on site & sign in containment log.
- 7:15: Crew sets one req. air in room w/ 300 sq ft of sheetrock w/ joint compound.
- Prep floor w/ 3 stage agar.
- Containment is ready for removal. Crew sets up & enter containment.
- Remove sheetrock w/ static & 2 methods applied to control dust.
- 12:00: Site is performed then crew leaves site.
- Buck for lunch.
- 1:00: Return, I began to remove block for air. Bag cloth is set.
- Material is set down then removed & bagged.
- Complete removing all for first crew here. Waste is container.
- Site: Expense worksite.

**Problems/Delays:**

**Extra Work:**

**Next Daily Goal:**

---

**Weather:**

Temp AM: ___ PM: ___

**Safety Meeting:**

---

**Work Force**

- Preparation
- Removal
- Cleanup
- Other (Specific):

---

**Subcontractors**

- Poly barriers airtight
- Negative air pressure
- Decon operational
- Surfactant encap. pump
- Air Monitoring
- Double bagged & secure
- Mats, distrib. & secure
- Facility Secure
- Work area clean
- Daily inventory
- Vehicle Check
- Equipment Check

---

**Checklist**

- Training
- Medical Exams
- Respiratory Test
- Field Report
- Payroll Report
- Waste Manifest

---

**PPE**

- 1/2 Mask
- PAPR
- Suits
- Boots
- Gloves
- Hard Hat
- Safety Glass

---

Austin-Bergstrom International Airport
Airport Expansion Development Program Environmental Assessment
DAILY LOG

Job # 214175
Tx 78642

Project Name: ABTA South Abatement Campus

Supervisor: Luis Trevino
Date: 10-7-21

% of Job Complete ( )

Work Performed Today (Detail):
- 7:00 AM: Crew arrives on site
- 7:15 AM: Crew begins decontamination
- 8:00 AM: Crew moves all tools and equipment to loading dock
- 8:30 AM: Crew works on decontamination of equipment
- 8:30 AM: Crew begins to prep decontamination window
- 9:00 AM: Crew begins to remove decontamination windows
- 9:30 AM: Crew begins to remove decontamination materials
- 11:30 AM: Crew finishes decontamination
- 12:00 PM: Break for lunch
- 1:00 PM: Crew continues to remove decontamination materials
- 3:00 PM: Crew completes 10 windows
- 4:00 PM: Crew completes 18 windows
- 5:00 PM: Crew departs work site

Problems - Delays:

Extra Work:

Next Daily Goal:

Supervisor: [Signature]

Weather:
Temp AM: PM:
Safety Meeting:

WORK FORCE
Preparation: 
Removal: 
Cleanup: 
Other (Specific):

SUBCONTRACTORS

CHECKLIST
- Poly barriers airtight
- Negative air pressure
- Decon operational
- Surfactant encaps. pump
- Air Monitoring
- Double bagged & secure
- Mats. distrib. & secure
- Facility Secure
- Work area clean
- Daily inventory
- Vehicle Check
- Equipment Check

EMPLOYEE
- Training
- Medical Exams
- Respiratory Test

FIELD DOC.
- Field Report
- Payroll Report
- Waste Manifest

PPE
- PAPR
- Suits
- Boots
- Gloves
- Hard Hat
- Safety Glass

G-261
DAILY LOG

Job # 214175

Project Name: ABTA South Campus

Supervisor: Luis

Date: 10.3.21

% of Job Complete:

Work Performed Today (Detail):
7:00 - AAR supervisor & abatement crew arrive on site & sign in log.
7:10 - Crew begins to prep poly under windows & doors to remove residue.
8:00 - All window & door prep is complete, crew then goes to meet top to prep drop cloth of side of roof flashing.
9:10 - Flashing has been removed, crew suits up then unscrew flashing then double layer of membrane on flashing, then leaves.
11:00 - Complete removal of flashing, crew then leaves bagging over side left & had to complete.
1:00 - Complete removing all covering from windows & doors, harvesting waste, broken.
3:00 - Return to begin getting all tools together & having to build 820.
4:00 - Depart worksite.

Building 2200 complete.

Weather:

Temp AM: 
PM: 

Safety Meeting:

Work Force

Preparation
Removal
Cleanup
Other (Specific): 

Subcontractors

Checklist

Poly barriers airtight
Negative air pressure
Decon operational
Surfactant encap. pump
Air Monitoring
Double bagged & secure
Mats, distrib. & secure
Facility Secure
Work area clean
Daily inventory
Vehicle Check
Equipment Check

Employee

Training
Medical Exams
Respiratory Test

Field Doc.

Field Report
Payroll Report
Waste Manifest

PPE

1/2 Mask
PAPR
Suits
Boots
Gloves
Hard Hat
Safety Glass

G-262

Austin-Bergstrom International Airport
Airport Expansion Development Program Environmental Assessment
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## SIGN IN / OUT CONTAINMENT LOG

**DATE:** 9/22/21

**PROJECT:** ABIA South Campus Abatement

**JOB No.:** 214175

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**PROJECT:** ABIA South Campus Chateaus  
**JOB No.:** 214175

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**PROJECT:** ABIA Saam Campus Agreement  
**JOB No.:** 214U75

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**PROJECT:** ABIA South Campus Containment  
**JOB No.:** 214175

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**SUPERINTENDENT:**

**PROJECT:** ABIA South Campus Expansion

**JOB No.:** 214175

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**PROJECT:** ABIA South Campus Abatement  
**JOB No.:** 214175

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**JOB No.:** 214175  

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**PROJECT:** ABEA South Campus  
**JOB No.:** 21475

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