Durant City Hall
Durant, OK

Remediation Final Report

Prepared by:
Department of Environmental Quality
707 North Robinson
Oklahoma City, Oklahoma 73101

OKLAHOMA
DEPARTMENT OF ENVIRONMENTAL QUALITY

The Oklahoma Department of Environmental Quality (DEQ) is pleased to present the City of Durant with the Final Remediation Report for the Durant City Hall.

Background

On June 10, 2016, DEQ completed the asbestos and lead-based paint inspections on the Durant City Hall. On November 17, 2015, DEQ entered into an agreement the City of Durant to perform the abatement of asbestos in the building. The asbestos abatement was completed on April 4, 2016. This completes the DEQ cleanup of the property. For more detail on the activities described below, see enclosed reports.

Asbestos Remediation

DEQ and its contractors completed the following activities:

- Asbestos inspection, including:
- Removal of asbestos containing material, including:
  Asbestos-containing floor tile, floor mastic, and pipe insulation.

DEQ
OKLAHOMA
DEPARTMENT OF ENVIRONMENTAL QUALITY

1	Legal Documents
2	Inspection Reports
3	Scope of Work
4	Final Abatement Reports

Legal Documents

MEMORANDUM OF AGREEMENT
BETWEEN
THE OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY AND
THE CITY OF DURANT

1. **PURPOSE:** The purpose of this Memorandum of Agreement (MOA) is to establish a mutual framework governing the respective organizational relationships, responsibilities, and activities between the Oklahoma Department of environmental Quality (DEQ) and the City of Durant (the City). This agreement is primarily for occupancy and access to the Durant City Hall building located at 300 West Evergreen Street in Durant, OK, before and during remediation. The areas of responsibility and relationships presented herein provide the concept under which the program will be executed.

2. **BACKGROUND:** The building contains asbestos. DEQ plans to abate the asbestos in affected portions of the buildings.

3. **RESPONSIBILITIES OF THE PARTIES:** The following paragraphs identify responsibilities of the parties under this MOA:

   City's Responsibilities:

   - Provide keys and access to DEQ and its contractors as needed to evaluate and remediate the building;
   - Restrict occupant's use/presence in the building during remediation, as requested. This could include removing equipment, vehicles, and other items that may be in the way of cleanup activities; and
   - Coordinate with DEQ during the remediation process.

   DEQ's Responsibilities:

   - Provide regular progress reports to the City;
   - Mitigate hazards to remedial goals with minimal use restrictions;
   - Supply the City with a final report of all DEQ activities;
   - File mandatory Notice of Remediation, i.e. deed notice;
   - Notify the City of ongoing operations and maintenance issues, if any; and

- Perform ready for reuse ceremony, if appropriate.

4. **BUILDING USE RESTRICTIONS DURING CLEANUP**
    - No access to the building or areas of the building during cleanup; and
    - No use that would allow exposure to contaminants.

5. **RESPONSIBILITY FOR COSTS:** DEQ is responsible for costs associated with site characterization and remediation in the Durant City Hall building. DEQ is not responsible for costs associated with insuring, maintenance, and mowing of the property. DEQ is not responsible for structural issues, replacement of roofing systems, mold issues, or building security. This MOA is expressly contingent upon funding and shall terminate without penalty either in whole or part if funds are not made available to the Site Cleanup Assistance Program.

6. **PUBLIC INFORMATION:** The City is generally responsible for all public information. However, DEQ may make public announcements and respond to all inquiries relating to the characterization and remediation of the building. The City and DEQ shall make their best efforts to give the other party advance notice before making any public statement regarding work contemplated, undertaken, or completed pursuant to this MOA. DEQ will prepare a press release in advance of the completion ceremony, if one is held.

7. **COMMUNICATIONS AND COORDINATION REPRESENTATIVES:** To provide consistent and effective communication between DEQ and the City, each party shall appoint a principal representative to serve as its central point of contact on matters relating to this MOA.

    For the DEQ:
    Rachel Francks
    Project Manager
    PO Box 1677, Oklahoma City, OK 73101-1677
    (405) 702-5112
    rachel.francks@deq.ok.gov

    For the City:
    Sarah Sherrer
    Acting City Manager
    The City of Durant
    P.O. Box 578
    Durant, Oklahoma 74702
    (580)931-6624

8. **MISCELLANEOUS:** This MOA shall not affect any pre-existing or independent relationships or obligations between the parties.

9. **EFFECTIVE DATE:** This Agreement becomes effective upon the date of the signature of the Executive Director of DEQ and will remain in effect until the Durant City Hall has been remediated and released for occupancy by DEQ

10. **ACCEPTANCE OF AGREEMENT:** The parties acknowledge and agree that they have read the Agreement and that they accept the responsibilities with which they are charged. The City agrees to comply with the building use restrictions during cleanup and understands that failure to comply with said restrictions or failure to adhere to the responsibilities enumerated in this Agreement may result in delayed remediation.

Sarah Sherrer
Acting City Manager
City of Durant

11-5-2015
DATE

Scott A. Thompson
Executive Director
Department of Environmental Quality

11-17-2015
DATE

Inspection Reports

ASBESTOS SURVEY REPORT

CITY OF DURANT
CITY HALL BUILDING
300 WEST EVERGREEN
DURANT, OKLAHOMA 74701

Prepared for:
Oklahoma Department of Environmental Quality
707 N Robinson Avenue
Oklahoma City
(405) 745-7120

Enercon Project Number – ASBTS1285

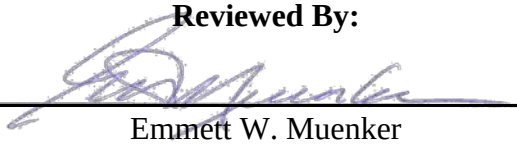
January 30, 2014

Prepared By:
Enercon Services, Inc.
6525 North Meridian, Suite 400
Oklahoma City, Oklahoma 73116

Inspected by:

Edward A. Pack
AHERA Asbestos Inspector/Management Planner – OKMP400630

Reviewed By:



Emmett W. Muenker
AHERA Asbestos Inspector/Management Planner OK-MP130435

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ASBESTOS SURVEY REPORT

CITY OF DURANT
CITY HALL BUILDING
300 WEST EVERGREEN
DURANT, OKLAHOMA 74701

Executive Summary

An asbestos survey was performed on January 8, 2014 at the City of Durant City Hall Building, located at 300 West Evergreen Durant, Oklahoma. The purpose of the asbestos survey was to locate, identify, and quantify Asbestos-Containing Building Materials (ACBMs) present in the building.

The two-story building, including a basement, was occupied and contained city government offices and meeting rooms. During the survey, forty-six (46) bulk samples were collected from fourteen (14) homogeneous areas. A summary of the Asbestos Containing Building Materials (ACBMs) is provided below.

Summary of Asbestos Containing Building Materials

MATERIAL CATEGORY	MATERIAL DESCRIPTION	TOTAL APPROXIMATE AMOUNT
FRIABLE	Piping Insulation on Lines and Fittings Asbestos-contaminated Soil in Tunnel & Crawlspaces	1,270 LF 1,440 CF
CATEGORY I NON-FRIABLE	Floor Tiles and Adhesive Mostly Beneath Carpeting	720 SF
CATEGORY II NON-FRIABLE	None	None

SF=Square Feet; LF=Linear Feet; CF=Cubic Feet; EA=Each

Recommended actions in preparation for interior renovation activities:

- Select and contract with an Oklahoma-licensed abatement contractor and third party air monitoring firm to perform necessary abatement.
- File NESHAP notification with Oklahoma Department of Environmental Quality if more than 260 LF of piping or 160 SF of other friable materials are to be disturbed during renovation.
- Obtain renovation permit from the City of Durant.
- File project notification with the Oklahoma Department of Labor
- Remove friable asbestos from piping/pipe fittings that will be disturbed during renovation activities. Should abatement of piping in risers and restroom walls/chases be planned, up to 650 SF of selective demolition may be necessary for access for abatement.
- Remove contaminated soil from tunnel and crawlspaces if abatement of piping in these areas is undertaken.
- Remove floor tiles and adhesive that would be disturbed during renovation activities.

ASBESTOS SURVEY REPORT

CITY OF DURANT
CITY HALL BUILDING
300 WEST EVERGREEN
DURANT, OKLAHOMA 74701

1.0 INTRODUCTION

An asbestos survey was performed on January 8, 2014 for the Durant City Hall Building, 300 West Evergreen Avenue, Durant, Oklahoma. The purpose of the survey was to locate, identify, and quantify asbestos-containing building materials (ACBMs) present in the building.

The building was a two-story facility with partial basement constructed in 1939 containing a total of approximately 28,000 square feet. There were two accessible crawlspaces and a pipe tunnel beneath the building. The building had a brick exterior with a poured concrete foundation and a multi-ply built-up roof. Floor plans of the original building were available for review. The general scope of abatement of piping in the basement mechanical room and floor tiles/adhesive on the second floor were available for review, but no documents indicating the exact location of the abated materials were available. No records of abatement conducted on the first floor were provided. Interior renovation had been completed in most areas on the first and second floors. The building was occupied at the time of the survey and contained city government offices and meeting rooms. The inspection was performed by Edward Pack, an Oklahoma AHERA-licensed Asbestos Inspector/Management Planner (OKMP400630) and Sue Thompson, an Oklahoma AHERA-licensed Asbestos Inspector (OK400559). Appendix A contains copies of these licenses.

2.0 SURVEY PROCEDURES

The survey consisted of a review of available plans and asbestos-related documents followed by a visual examination of building components and insulating materials to identify those suspected to contain asbestos. Suspect materials identified were categorized into homogeneous sampling areas to facilitate collection and analysis of samples to determine whether or not the materials contained asbestos. Asbestos-containing materials are divided into three basic groups: Thermal System Insulation (TSI), Surfacing Materials (SM) and Miscellaneous Materials (MM). TSI consists of insulating materials, mastics or sealants used to reduce heat loss or gain on mechanical systems such as piping, ducts, air handlers, boilers, flues, heat exchangers, etc. SM includes materials applied to surfaces other than mechanical systems for purposes such as fireproofing, acoustical insulation and aesthetic finishes. MM are all other materials not included in the other two categories, and include materials such as floor tiles, adhesives, gaskets, caulking compounds and asbestos-cement piping/panels (Transite).

Non-friable ACBM is categorized as either Category I or Category II non-friable material. Category I non-friable ACBM includes packings, gaskets, resilient floor covering, and asphalt roofing products. Category II non-friable ACBM includes any other non-friable material. For purposes of demolition, Category I non-friable ACBM need not be removed before demolition if it is not in poor condition and is not friable. Category II non-friable ACBM that has a low probability of becoming crumbled, pulverized, or reduced to powder during demolition may also remain in place. All other Category II non-friable

ACBM must be removed prior to demolition. For renovation both friable and non-friable ACBM must be removed if they will be disturbed during renovation activities.

The protocols outlined in the Asbestos Hazard Emergency Response Act (AHERA) were used for this survey, except that a minimum of two samples were collected from each homogeneous area unless the material was presumed to contain asbestos. Materials that are presumed to contain asbestos are designated as Presumed Asbestos-Containing Materials (PACM). When renovation is likely, rather than demolition, at least one sample of PACM is collected to confirm the presumption and to determine the type and percentage of asbestos present in the material. The AHERA protocol is mandated for use in public schools and commercial buildings and was used for this survey. Under the AHERA protocol, "positive stop" analysis may be performed to reduce the analytical costs. This is done on a selective basis when it will not affect the outcome of the survey. Materials that were suspected to contain asbestos and determined to contain more than one percent asbestos by laboratory analysis are defined as ACM. Samples were analyzed by QuanTEM Laboratories, an analytical laboratory accredited under the National Voluntary Laboratory Accreditation Program (NVLAP). The analytical method used was Polarized Light Microscopy (PLM) with dispersion staining, as prescribed by the AHERA regulation. It is a method for positive identification of asbestos fibers.

Under circumstances where PLM analytical results indicate a relatively low percentage of asbestos fibers, a 400 Point Count may be performed in order to more definitively determine the asbestos fiber content. The 400 Point Count is a more accurate analytical method; therefore any results obtained from this additional analysis supersede the PLM results. This is typically done only on surfacing materials and some selected miscellaneous materials.

The numbering system used for sample identification consisted of three separate components, a building/site identifier, a homogeneous area identifier and a sample number.

3.0 SURVEY RESULTS

A walkthrough of the building revealed that floor coverings were a mix of carpeting, ceramic tiles, and floor tiles (12" x 12" and 9" x 9") of varying colors. Interior walls were a mix of original-construction plaster walls and textured, painted drywall. Ceilings were generally 2' x 2' ceiling tiles with a few areas of painted drywall or plaster ceilings. The subsurface portion of the building consisted of a basement mechanical equipment room with crawlspaces to the east and south; and a utility tunnel along the north side of the building. Insulated steam piping was located in the basement boiler room and around the perimeter of the two crawlspaces and in the utility tunnel, each having an entrance located in the basement mechanical equipment room. Insulated hot water piping was also located in these areas. The south crawlspace also had an access opening at the west end of the crawlspace. The utility tunnel and crawlspaces had visibly contaminated soil in the vicinity of the piping due to random damage to the piping insulation. Piping from the crawlspaces and tunnel penetrated to the first floor serving radiators, restroom fixtures, janitor sinks and water fountains. Enclosed piping risers on the first floor originally served radiators on the second floor and were presumed to be insulated as the interiors of the riser enclosures were not accessible for inspection without selective demolition. Piping at the radiators was not insulated. Piping serving restrooms and other fixtures where the piping was inside walls/chases was also not accessible for inspection and was presumed to be ACM-insulated. The quantity of insulated piping in these inaccessible locations was estimated based upon the past experience of the inspectors.

There were areas on the first and second floors that were not accessible for inspection at the time of the survey. The Federal Bureau of Inspection offices and the City Manager's offices on the second floor were not available for inspection. Discussions with the City personnel familiar with the building's history stated that these areas had been gutted and completely renovated and that the ACM present in these areas had been abated. Abatement documentation available for review indicated that abatement of floor coverings had taken place on the second floor and abatement of piping in the basement mechanical room had been completed. Visual inspection throughout the first and second floors appeared to corroborate the verbal information provided.

During the survey, forty-six (46) bulk samples were collected from fourteen (14) homogeneous areas. Forty (42) analyses were performed due to layering of some samples; additionally, when one sample in a homogeneous area was found by analysis to be positive, the remaining samples in that "set" of samples were not analyzed. Heating and domestic water lines and fittings were considered together in homogeneous area designations (CH-01, -02, -03, and -04). Partial abatement of basement mechanical room equipment had been performed, but certain original ACM lines and fittings were observed and sampled. The original asbestos insulation remained on piping in the basement boiler room, tunnel and crawlspaces and was presumed to be present in risers and pipe chases which served the original steam radiators. ACM floor tiles and adhesives were present on the first floor. Appendix B contains Site Layouts with Sample and Asbestos Locations. Appendix C contains the Laboratory Reports of Analyses/Chains of Custody for samples collected during the survey.

A summary of Asbestos Containing Building Materials, including categorization and quantities, is presented in Table 1. Table 2 provides a summary of the Bulk Material Samples & Laboratory Analytical Results.

Table 1
Summary of Asbestos Containing Building Materials

MATERIAL CATEGORY	MATERIAL DESCRIPTION	TOTAL APPROXIMATE AMOUNT
FRIABLE	Piping Insulation on Lines and Fittings Asbestos-contaminated Soil in Tunnel & Crawlspaces	1,270 LF* 1,440 CF
CATEGORY I NON-FRIABLE	Floor Tiles and Adhesive Mostly Beneath Carpeting	720 SF
CATEGORY II NON-FRIABLE	None	None

SF=Square Feet; LF=Linear Feet; CF=Cubic Feet; EA=Each
*Up to 650 SF of selective demolition may be required to access insulated piping presumed to be present in riser enclosures, pipe chases and restroom walls on the first and second floors that were not accessible for inspection.

Table 2
Bulk Material Samples & Laboratory Analytical Results

HOMOGENEOUS AREA/SAMPLE ID	DESCRIPTION & LOCATION	APPROXIMATE AMOUNT	ASBESTOS PERCENT/TYPE
CH-01-01, 02, 03	**Pipe Insulation, 3-4" diameter**	**1,270 LF***	**70% Chrysotile**
CH-02-01, 02, 03	**Pipe Insulation, 6-8" diameter**	*****	**75% Chrysotile**
CH-03-01, 02, 03	**Pipe Fitting Insulation 3-4" diameter**	*****	**15% Chrysotile 15% Amosite**
CH-04-01, 02, 03	**Pipe Fitting Insulation, 6-8" diameter**	*****	**15% Chrysotile 12% Amosite**
CH-05-01, 02, 03	Texture/Joint Compound, 1st Floor	NQ	None Present
CH-06-01, 02, 03	Drywall, 1st Floor	NQ	None Present
CH-07-01, 02	**Tan 12" x 12" Floor Tiles/Mastic, 1st Floor**	**625 SF**	**4% Chrysotile (Mastic Only)**
CH-08-01, 02	Tan Carpet Mastic, 1st Floor	NQ	None Present
CH-09-01, 02, 03	White 2' x 4' Ceiling Tiles, 1st Floor	NQ	None Present
CH-10-01, 02	**Black Flooring, 1st Floor Closet**	**95 SF**	**3% Chrysotile**
CH-11-01 through 07	White 2' x 2' Ceiling Tiles, 1st Floor	NQ	None Present
CH-12-01, 02,-03	Wall Texture, Throughout	NQ	None Present
CH-13-01, -02, -03	Wall Texture, Throughout	NQ	None Present
CH-14-01 through 07	Plaster, Throughout	NQ	None Present

SF=Square Feet; LF=Linear Feet; NQ=Not Quantified; PACM=Presumed Asbestos-Containing Material
*Quantities of insulation on lines and fittings are combined to total 1,270 SF to include insulated piping in riser enclosures and restroom walls/chases on the first and second floors. A total of approximately 1,440 SF of contaminated soil cleanup is located beneath damaged pipe insulation in tunnel/crawlspaces.

4.0 CONCLUSIONS & RECOMMENDATIONS

The majority of the ACM-insulated piping is located in the basement boiler room, a pipe tunnel and two crawlspaces that have some damaged insulation with contaminated soil beneath the piping runs. Access to these areas is limited. Piping from these areas penetrates the first floor to serve the original radiators on the first and second floors with the piping risers to the second floor enclosed along perimeter walls and presumed to be insulated in the same manner as that in the tunnel and crawlspaces. Domestic water piping serving restrooms and other fixtures on the first and second floors is located inside walls/chases and is also presumed to be similarly insulated. Selective demolition will be necessary for access to this piping to confirm that it contains asbestos with additional demolition for access for abatement if the presence of asbestos is confirmed and abatement is undertaken. Estimated quantities have been included in the survey to enable planning for abatement of all asbestos in the building should that be the desired outcome of planned abatement.

Should complete abatement not be the selected option, the piping insulation in the basement, tunnel and crawlspaces may be abated or repaired and managed in place. If all asbestos is not removed, preparation and implementation of an Asbestos Management Plan is recommended for management of the asbestos in place.

Recommended actions in preparation for interior renovation activities:

- Select and contract with an Oklahoma-licensed abatement contractor and third party air monitoring firm to perform necessary abatement.
- File NESHAP notification with Oklahoma Department of Environmental Quality if more than 260 LF of piping or 160 SF of other regulated material is to be disturbed during renovation.
- Obtain renovation permit from the City of Durant.
- File project notification with the Oklahoma Department of Labor

- Remove friable asbestos from piping/pipe fittings that will be disturbed during renovation activities. Should abatement of piping in risers and restroom walls/chases be planned, up to 650 SF of selective demolition may be necessary for access for abatement.
- Remove contaminated soil from tunnel and crawlspaces if abatement of piping in these areas is undertaken.
- Remove floor tiles and adhesive that would be disturbed during renovation activities.

APPENDIX A
Oklahoma Inspector License

FEE: $25.00

Oklahoma Department of Labor

Susan Thompson

has filed in the office of the Commissioner of Labor of the State of Oklahoma
an application for a Limited Asbestos Contractor's license for

AHERA INSPECTOR

Now, therefore, The Commissioner of Labor of the State of Oklahoma, by virtue of
the power vested in him by law hereby issues to the
applicant license **No. OK400559.**

Mark Costello

MARK COSTELLO
Commissioner of Labor

July 03, 2013
Date of Issuance

EXPIRES: June 26, 2014

Oklahoma Department of Labor

FEE: $500.00

Edward Pack

has filed in the office of the Commissioner of Labor of the State of Oklahoma
an application for a Limited Asbestos Contractor's license for

AHERA MANAGEMENT PLANNER

Now, therefore, The Commissioner of Labor of the State of Oklahoma, by virtue of
the power vested in him by law hereby issues to the
applicant license **No. OK-MP400630.**

Mark Costello

MARK COSTELLO
Commissioner of Labor

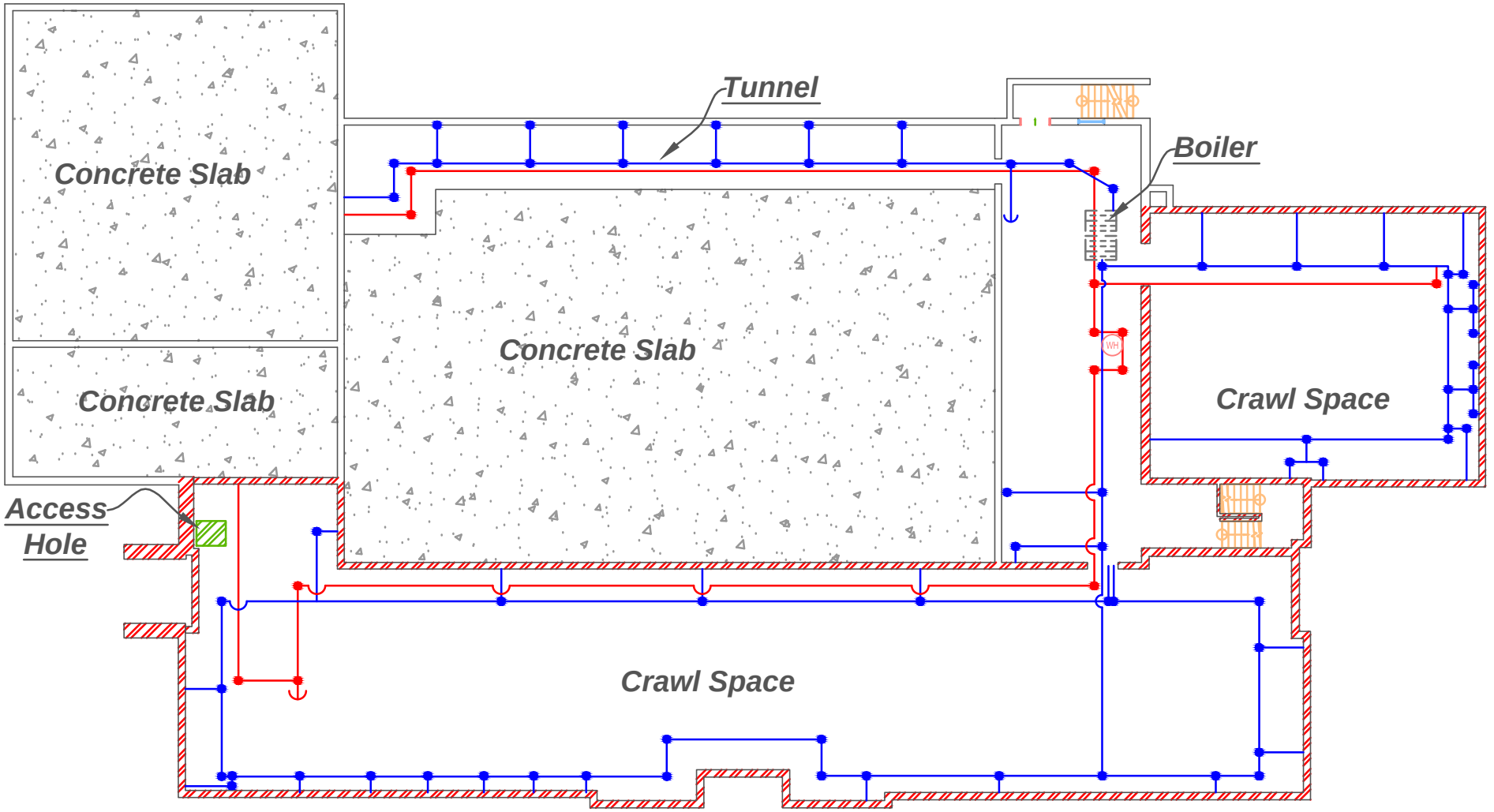
May 17, 2013

Date of Issuance

EXPIRES: May 13, 2014

APPENDIX B

Site Layout with Sample and Asbestos Locations



Note:

1. Contaminated soil in tunnel and crawlspace estimated @ 1440 CF

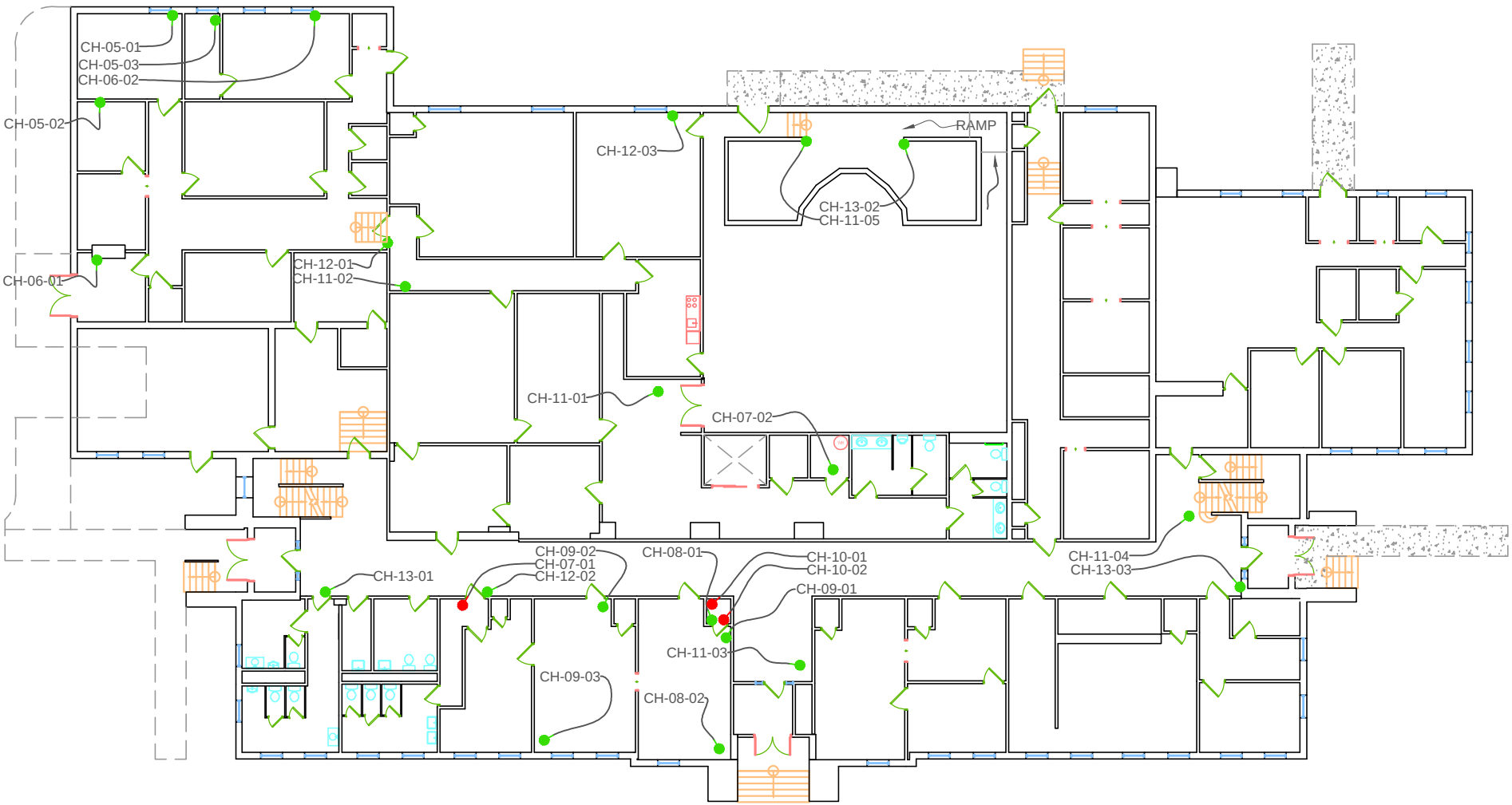
City Hall Building
300 West Evergreen
Durant, Ok. 74702

Legend:

- Steam Pipe @ 730-LF
- Hot Water Pipe @ 285-LF
- Crawl Space Perimeter

ENERCON

Asbestos Piping Locations
Basement and Crawl Space



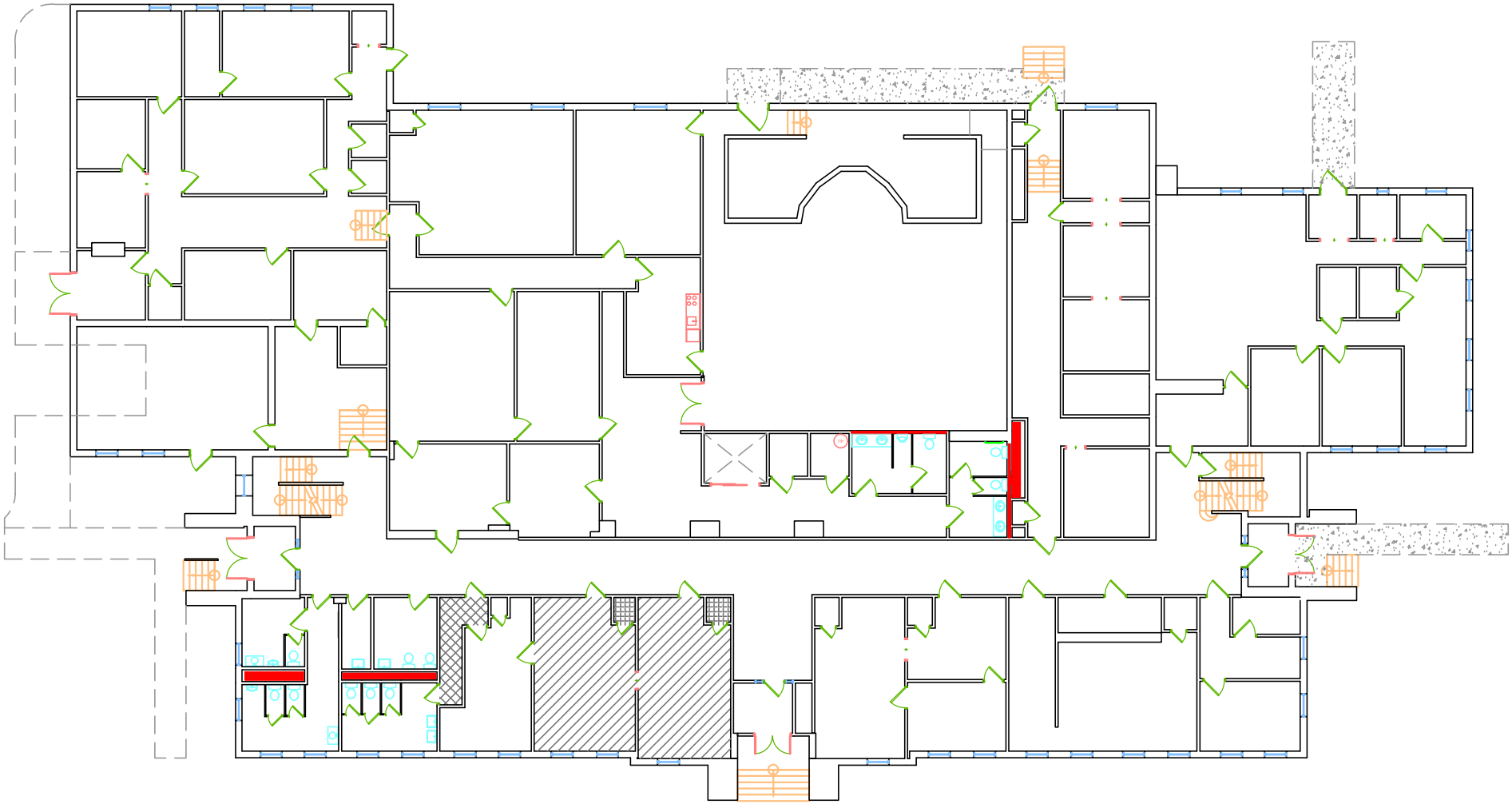
City Hall Building
300 West Evergreen
Durant, Ok. 74702

Legend:

- Positive Asbestos Sample Location
- Negative Asbestos Sample Location

ENERCON

Sample Locations
First Floor



Notes:

1. Piping to second floor perimeter radiators enclosed and not accessible for inspection (locations not shown).
2. Piping to restrooms not accessible for inspection
3. Estimated Quantity of insulated piping @ 200 LF
4. Estimated wall demolition for access for abatement = 600 SF

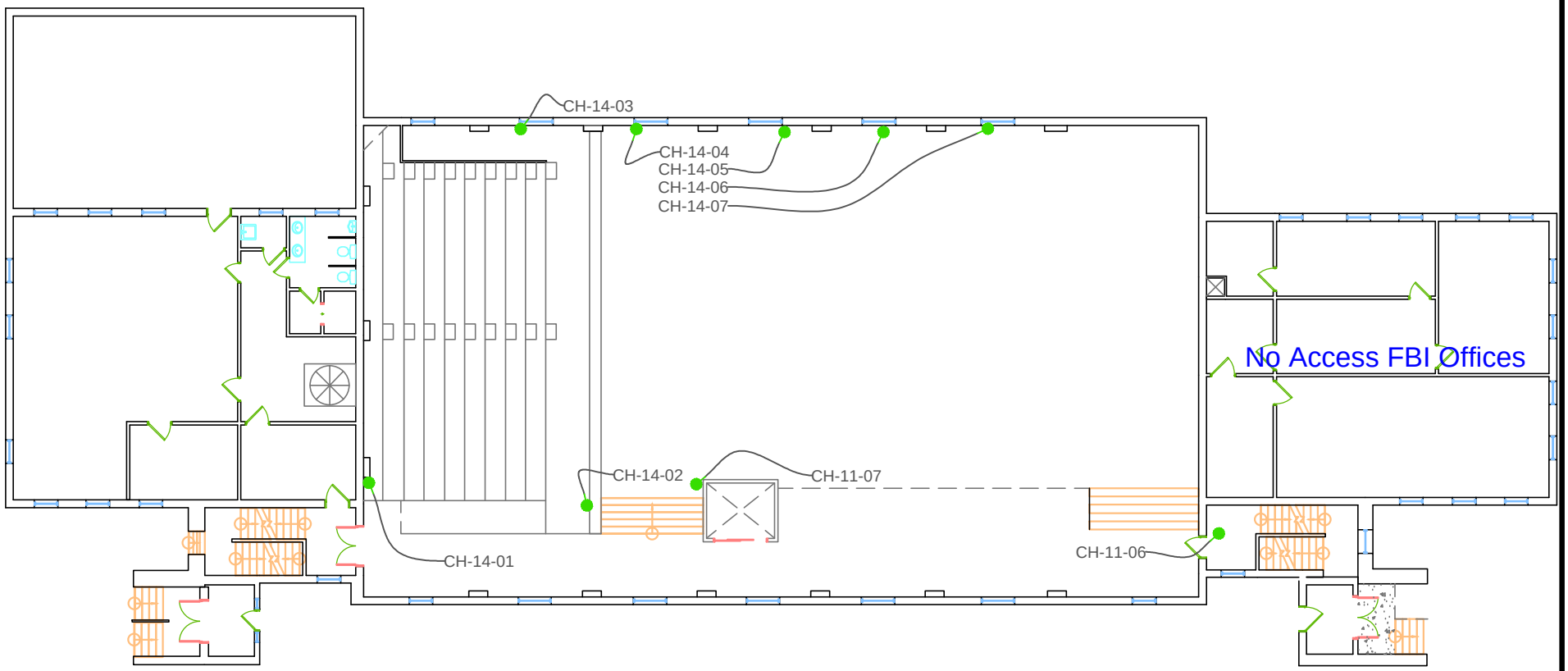
City Hall Building
300 West Evergreen
Durant, Ok. 74702

Legend:

- Floor Tile and Mastic @ 70-SF
- Mastic under Carpet and Tile @ 625-SF
- Mastic under Tile @ 25-SF
- Piping in restroom chases/risers @ 230-LF

ENERCON

Asbestos Locations
First Floor (Flooring)

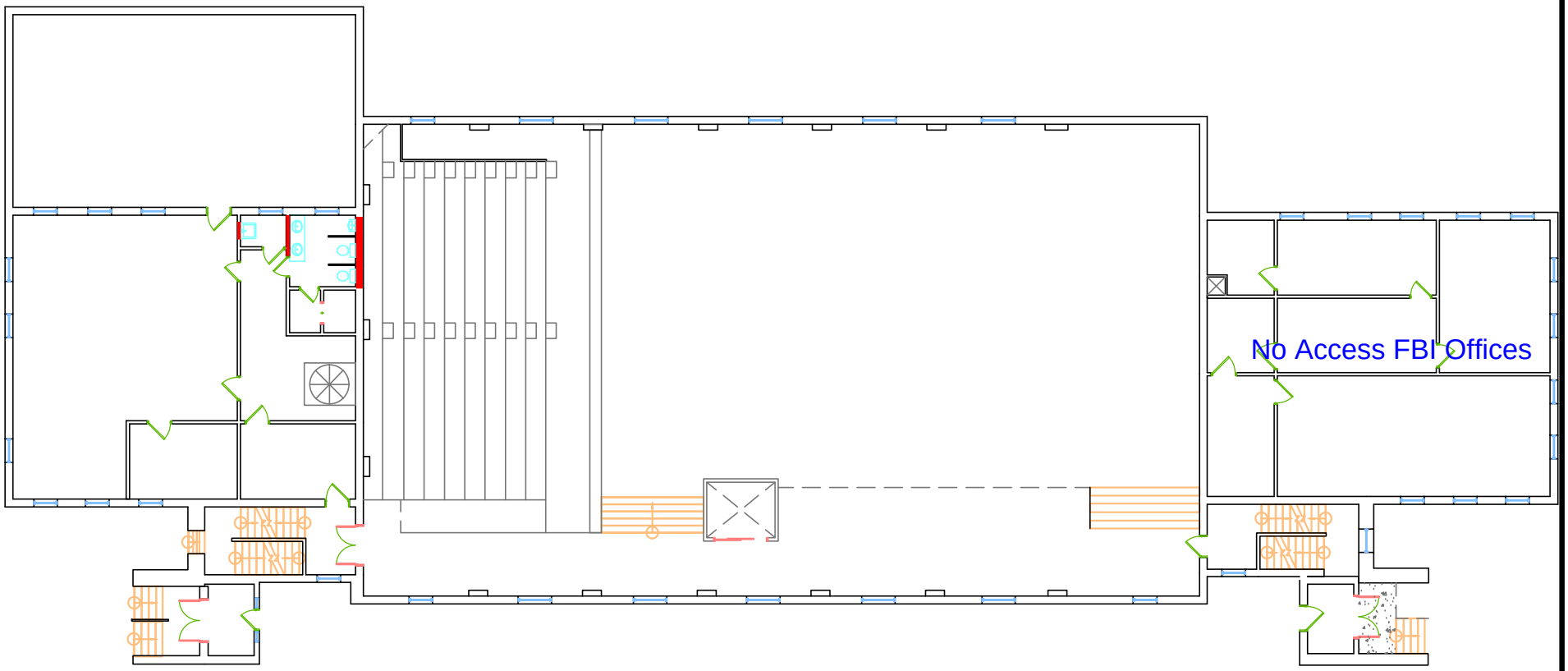


City Hall Building
300 West Evergreen
Durant, Ok. 74702

Legend:
- Positive Asbestos Sample Location
- Negative Asbestos Sample Location

ENERCON

Sample Locations
Second Floor



Note:

1. Demolition required for access to Piping in walls @ 50 SF

City Hall Building
300 West Evergreen
Durant, Ok. 74702

Legend:

= Domestic water Piping in wall @ 30 LF

ENERCON

Asbestos Piping Locations
Second Floor

APPENDIX C
Laboratory Report of Analyses/Chain of Custody

2033 Heritage Park Drive / Oklahoma City, OK 73120 / (405) 755-7272 / Fax (405) 755-2058

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 230627
Account Number: A845

Date Received: 01/10/2014
Received By: Alex Raymond
Date Analyzed: 01/17/2014
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

Client: Enercon Services, Inc.
6525 N. Meridian, Suite 400
Oklahoma City, OK 73116

Project: Durant City Hall
Project Location: Durant, OK
Project Number: N/A

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	CH-01-01	Layered	Brown Insulation	Asbestos Present Chrysotile 3	Cellulose 95	Binder
001a		Layered	Gray Insulation	Asbestos Present Chrysotile 70	Cellulose 10	Binder
002	CH-01-02	Layered	** Insulation	**	Not Analyzed	
Positive Stop						
002a		Layered	** Insulation	**	Not Analyzed	
Positive Stop						
003	CH-01-03	Layered	** Insulation	**	Not Analyzed	
Positive Stop						
003a		Layered	** Insulation	**	Not Analyzed	
Positive Stop						
004	CH-02-01	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 75	Cellulose 10	Binder

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

QuanTEM is a NVLAP accredited PLM laboratory (Lab Code: 101959-0). This report relates only to the specific items tested. NVLAP accreditation applies only to analysis performed utilizing EPA/600/M4-82-020 and EPA/600/R-93/116 methods. This report may not be used to claim product endorsement by NVLAP or any agency of the US Government. This report may not be reproduced except in full, without the written approval of the laboratory.

2033 Heritage Park Drive / Oklahoma City, OK 73120 / (405) 755-7272 / Fax (405) 755-2058

Polarized Light Microscopy Asbestos Analysis Report

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Client: Enercon Services, Inc.
6525 N. Meridian, Suite 400
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Project: Durant City Hall
Project Location: Durant, OK
Project Number: N/A

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
005	CH-02-02	Homogeneous	** Insulation	**	Not Analyzed	
Positive Stop						
006	CH-02-03	Homogeneous	** Insulation	**	Not Analyzed	
Positive Stop						
007	CH-03-01	Homogeneous	White Insulation	Asbestos Present Chrysotile 15 Amosite 15	NA	Gypsum
008	CH-03-02	Homogeneous	** Insulation	**	Not Analyzed	
Positive Stop						
009	CH-03-03	Homogeneous	** Insulation	**	Not Analyzed	
Positive Stop						
010	CH-04-01	Homogeneous	White Insulation	Asbestos Present Chrysotile 15 Amosite 12	NA	Gypsum
011	CH-04-02	Homogeneous	** Insulation	**	Not Analyzed	

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

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QUANTEM® LABORATORIES

2033 Heritage Park Drive / Oklahoma City, OK 73120 / (405) 755-7272 / Fax (405) 755-2058

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Project Number: N/A

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
Positive Stop						
012	CH-04-03	Homogeneous	** Insulation	**	Not Analyzed	
Positive Stop						
013	CH-05-01	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Perlite
014	CH-05-02	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3
015	CH-05-03	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3
016	CH-06-01	Homogeneous	White Sheetrock	Asbestos Not Present	NA	Gypsum
017	CH-06-02	Homogeneous	White Sheetrock	Asbestos Not Present	NA	Gypsum
018	CH-07-01	Layered	Beige Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 230627
Account Number: A845
Date Received: 01/10/2014
Received By: Alex Raymond
Date Analyzed: 01/17/2014
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

Client: Enercon Services, Inc.
6525 N. Meridian, Suite 400
Oklahoma City, OK 73116

Project: Durant City Hall
Project Location: Durant, OK
Project Number: N/A

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
018a		Layered	Black Mastic	Asbestos Present Chrysotile 4	NA	Tar
019	CH-07-02	Layered	Beige Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
019a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
019b		Layered	Gray Leveling Compound	Asbestos Not Present	NA	CaCO3
020	CH-08-01	Homogeneous	Tan Carpet Mastic	Asbestos Not Present	NA	Glue
021	CH-08-02	Homogeneous	Tan Carpet Mastic	Asbestos Not Present	NA	Glue
022	CH-09-01	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose 30 Glass Fiber 30	Perlite Paint

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Client: Enercon Services, Inc.
6525 N. Meridian, Suite 400
Oklahoma City, OK 73116

Project: Durant City Hall
Project Location: Durant, OK
Project Number: N/A

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
023	CH-09-02	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose 30 Glass Fiber 30	Perlite Paint
024	CH-09-03	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose 30 Glass Fiber 30	Perlite Paint
025	CH-10-01	Homogeneous	Black Flooring	Asbestos Present Chrysotile 3	NA	Tar Binder
026	CH-10-02	Homogeneous	** Flooring	**	Not Analyzed	
Positive Stop						
027	CH-11-01	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose 30 Glass Fiber 30	Perlite Paint
028	CH-11-02	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose 30 Glass Fiber 30	Perlite Paint
029	CH-11-03	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose 30 Glass Fiber 30	Perlite Paint

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 230627
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Date Received: 01/10/2014
Received By: Alex Raymond
Date Analyzed: 01/17/2014
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

Client: Enercon Services, Inc.
6525 N. Meridian, Suite 400
Oklahoma City, OK 73116

Project: Durant City Hall
Project Location: Durant, OK
Project Number: N/A

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
030	CH-11-04	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose Glass Fiber	30 30	Perlite Paint
031	CH-11-05	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose Glass Fiber	30 30	Perlite Paint
032	CH-11-06	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose Glass Fiber	30 30	Perlite Paint
033	CH-11-07	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose Glass Fiber	30 30	Perlite Paint
034	CH-12-01	Homogeneous	White Wall Texture	Asbestos Not Present	NA		CaCO3 Paint
035	CH-12-02	Homogeneous	White Wall Texture	Asbestos Not Present	NA		CaCO3 Paint
036	CH-12-03	Homogeneous	White Wall Texture	Asbestos Not Present	NA		CaCO3 Paint

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 230627
Account Number: A845
Date Received: 01/10/2014
Received By: Alex Raymond
Date Analyzed: 01/17/2014
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

Client: Enercon Services, Inc.
6525 N. Meridian, Suite 400
Oklahoma City, OK 73116

Project: Durant City Hall
Project Location: Durant, OK
Project Number: N/A

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
037	CH-13-01	Homogeneous	White Wall Texture	Asbestos Not Present	NA	CaCO3 Perlite
038	CH-13-02	Homogeneous	White Wall Texture	Asbestos Not Present	NA	CaCO3 Perlite
039	CH-13-03	Homogeneous	White Wall Texture	Asbestos Not Present	NA	CaCO3 Paint
040	CH-14-01	Homogeneous	Tan Plaster	Asbestos Not Present	Talc <1	Sand CaCO3
041	CH-14-02	Homogeneous	Tan Plaster	Asbestos Not Present	NA	Sand CaCO3 Paint
042	CH-14-03	Layered	Tan Plaster	Asbestos Not Present	NA	Sand CaCO3 Paint

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Client: Enercon Services, Inc.
6525 N. Meridian, Suite 400
Oklahoma City, OK 73116

Project: Durant City Hall
Project Location: Durant, OK
Project Number: N/A

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
042a		Layered	Brown Plaster	Asbestos Not Present	Hair 3	Sand CaCO3 Paint
043	CH-14-04	Homogeneous	Tan Plaster	Asbestos Not Present	NA	Sand CaCO3 Paint
044	CH-14-05	Homogeneous	Tan Plaster	Asbestos Not Present	NA	Sand CaCO3 Paint
045	CH-14-06	Homogeneous	Tan Plaster	Asbestos Not Present	NA	Sand CaCO3 Paint
046	CH-14-07	Homogeneous	Tan Plaster	Asbestos Not Present	NA	Sand CaCO3 Paint

Cristal Veech, Analyst

1/17/2014
Date of Report

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ASBESTOS CHAIN OF CUSTODY

QUANTEM LABORATORIES
www.QuanTEM.com
2033 Heritage Park Drive, Oklahoma City, OK 73120-7502
(800) 822-1650 • (405) 755-7272 • Fax: (405) 755-2058

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only	
Lab No.	230627
	Accept / Reject

Contact Information		Project Information		Report Results (☑ one box)	
Company: Emprean Services	Phone:	Project Name: Durant City Hall		☑	QuanTEM Website
Contact: Sue Thompson	Cell Phone: 405-401-6722	Project Location: Durant, OK		☐	Other
Account #:	E-mail: sthompson@emprean.com	Project ID:			
Sampled By: Name: Susan Thompson	Date: 1/8/14	P.O. Number:			

Relinquished By	Date & Time	Via	Received By	Date & Time
	1/9/14 1235	hand		1/9/14 1235
	1/9/14 1701	hand		1/9/14 5:11

Requested Services (Please ☑ the Appropriate Boxes)

PLM	PLM	TEM	TEM	Turnaround Time
☑ Bulk Analysis (EPA 600/R-93/116)	☐ Vermiculite Attic Insulation (EPA 600/R-04/004)	☐ Air- AHERA	☐ Bulk- Presence / Absence EPA600/R-93/116	☐ Rush
☐ 400 Point Count	☐ Other	☐ Air- NIOSH 7402	☐ Bulk- Quantitative [weight%]- Chatfield	☐ Same Day
☐ 1000 Point Count	PCM	☐ Air- ISO 10312	☐ Dust- Presence / Absence	☐ 24 - Hour
☐ Gravimetric Preparation	☐ NIOSH 7400	☐ Drinking Water- EPA 100.2	☐ Dust- Quantitative [fibers/sq.cm]- ASTM D5755	☐ 3 - Day
☐ Particle ID		☐ Waste Water- EPA 600/4-83-043	☐ Other	☑ 5 - Day

No.	Sample ID (12 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
1	CH-01-01	☑	White	Canvas Cover + Pipe Insulation 3"		Posture Stop
2	CH-01-02	☑	"	"		
3	CH-01-03	☑	"	"		
4	CH-02-01	☑	White	Canvas Cover + Pipe Insulation 6"		
5	CH-02-02	☑	"	"		
6	CH-02-03	☑	"	"		
7	CH-03-01	☑	White	3" Fittings		
8	CH-03-02	☑	"	"		
9	CH-03-03	☑	"	"		
10	CH-04-0401	☑	White	6" Fittings		

SATURDAY SAMPLE DELIVERY - CALL TO SCHEDULE • Use this address for Saturday Delivery only: 4220 N. Santa Fe Ave., Oklahoma City, OK 73105-8517 • Mark Package "Hold for Saturday Pickup"

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LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only	
Lab No. 230627	
Accept	Reject

Project Information

Company: ENERCON SERVICES | Project Name: DURANT CITY HALL | Project Location: DURANT, OK

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
11	CH-04-02	☑	WHITE	6" FITTINGS		Positive Stop
12	CH-04-03	☑	"	"		
13	CH-05-01	☑	WHITE	TEXTURE / JOINT COMPOUND		NEW REMODEL
14	CH-05-02	☑	"	"		"
15	CH-05-03	☑	"	"		"
16	CH-06-01	☑	WHITE	DRYWALL		"
17	CH-06-02	☑	"	"		"
18	CH-07-01	☑	TAN	12x12 FLOOR TILE w/ MASTIC		
19	CH-07-02	☑	"	"		
20	CH-08-01 *	☑	TAN	CARPET MASTIC		
21	CH-08-02	☑	"	"		
22	CH-09-01	☑	WHITE	2x4 CEILING TILE		
23	CH-09-02	☑	"	"		
24	CH-09-03	☑	"	"		
25	CH-10-01	☑	BLACK	UNKNOWN FLOOR COVERING		
26	CH-10-02	☑	"	"		
27	CH-11-01	☑	WHITE	2x2 CEILING TILE		
28	CH-11-02	☑	"	"		
29	CH-11-03	☑	"	"		
30	CH-11-04	☑	"	"		

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For Lab Use Only	
Lab No. 230627	
Accept	Reject

Project Information

Company: ENERCON SERVICES | Project Name: DURANT CITY HALL | Project Location: DURANT, OK

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
31	CH-11-05	☑	WHITE	2×2 CEILING TILE		Positive Stop
32	CH-11-06	☑	"	"		
33	CH-11-07	☑	"	"		
34	CH-12-01	☑	WHITE	WALL TEXTURE JOINT COMPOUND - ROUGH TROWEL		
35	CH-12-02	☑	"	"		
36	CH-12-03	☑	"	"		
37	CH-13-01	☑	WHITE	WALL TEXTURE JOINT COMPOUND - ORANGE PEEL		
38	CH-13-02	☑	"	"		
39	CH-13-03	☑	"	"		
40	CH-14-01	☑	WHITE	PLASTER - FINISH + SCRATCH COAT		
41	CH-14-02	☑	"	"		
42	CH-14-03	☑	"	"		
43	CH-14-04	☑	"	"		
44	CH-14-05	☑	"	"		
45	CH-14-06	☑	"	"		
46	CH-14-07	☑	"	"		
47		☐				
48		☐				
49		☐				
50		☐				

SATURDAY SAMPLE DELIVERY - CALL TO SCHEDULE • Use this address for Saturday Delivery only: 4220 N. Santa Fe Ave., Oklahoma City, OK 73105-8517 • Mark Package "Hold for Saturday Pickup"

Scope of Work

SCOPE OF WORK
For
Abatement of Friable and Non-Friable Asbestos at Durant City Hall

The Oklahoma Department of Environmental Quality (DEQ) is seeking asbestos remediation services at the Durant City Hall located in Durant, Oklahoma. The contractor shall follow all appropriate OSHA requirements. This scope of work (SOW) describes the friable and non-friable (non-regulated) asbestos containing materials (ACM) that will be removed. For details on the ACM including locations, please refer to the Scope of Work Friable and Non-Friable Asbestos Abatement City Hall, Durant OK (Attachment 1) and Asbestos Abatement Project Design Friable Asbestos Abatement City Hall, Durant, OK (Attachment 2) and Asbestos Survey Report (Attachment 3).

Friable asbestos is present in:

- Fitting insulation on piping
- Contaminated soil in pipe tunnel

Non-friable asbestos is present in:

- Floor tiles and adhesive

A SOW for the removal of non-friable asbestos and a project design for the removal of friable asbestos is included in this Scope of Work (Attachment).

Current development plans are that the building will be renovated for continued use by the City of Durant offices.

Enercon will be performing oversight on this project. Once asbestos has been removed, contractor shall contact Enercon to perform the final inspection. Enercon will determine if all asbestos has been appropriately removed or if additional work needs to be performed. Enercon can be reached by phone at (405) 722-7693 or via email at epack@enercon.com. Ed Pack will be acting as Enercon's point of contact.

The building is located at 300 W. Evergreen, Durant, Oklahoma. The building will have water and electricity to use during remediation.

SPECIAL PROVISIONS:

1. The contractor shall schedule all work to be complete within thirty (30) days of the date contract is awarded. Coordination of work shall be scheduled with DEQ.
    a. A pre-construction meeting shall be held at the site after contract is awarded to review the Scope of Work and answer any questions the contractor may have.
    b. All on-site work shall be completed by the contractor five (5) days prior to the scheduled contract completion date, with the remaining five (5) days utilized for final inspection and correction of all deficiencies.

2. All work shall be performed in accordance with all applicable State and Federal regulations.
    a. Disposal of Removed Materials: All materials removed by the Contractor under this contract shall be disposed of in accordance with State and Federal regulations.

CONTRACTOR SHALL:

- Possess a current Oklahoma Department of Labor (ODOL) Asbestos Abatement Contractor License in order to perform asbestos abatement
- Follow all appropriate OSHA requirements
- Be responsible for all air monitoring requirements

Submit After Contract Award:

- A Work Plan with planned activities and schedule to DEQ for approval

NON-FRIABLE ASBESTOS ABATEMENT INSTRUCTIONS

Below is a summary of the non-friable and/or non-regulated asbestos containing materials (ACM) that shall be removed from the Hobart Middle School. Non-friable asbestos abatement shall be completed in accordance with attached Scope of Work for Non-Friable Asbestos Abatement (Attachment 1).

- Remove:
    - Floor tiles and adhesive 40 square feet

FRIABLE ASBESTOS ABATEMENT INSTRUCTIONS

Friable asbestos abatement will be completed in accordance with attached Project Design (Attachment 2).

- **See Attachment 2 Project Design for details.**

FINAL REPORT

- Write final report containing the following information and submit to DEQ:
    - A detailed summary of work
    - Waste manifests (if any)
    - Photo documentation of work
        - Photo documentation of work will have color digital photos with captions describing photo
        - Photos will show before and after photos of work completed.
- Final report will be submitted in hard copy and electronically on disc.

OWNER REPRESTATIVE

Owner's Representative: Rachel Francks
Oklahoma Department of Environmental Quality
Land Protection Division
707 N. Robinson
Oklahoma City, OK 73102
(405) 702-5103 (Office)
(405) 702-5101 (Fax)
E-Mail: rachel.francks@deq.ok.gov

ATTACHMENT 1

Scope of Work
Non-Friable Asbestos Abatement
City Hall, Durant OK

REVISION NO. 1

SCOPE OF WORK
FRIABLE AND NON-FRIABLE
ASBESTOS ABATEMENT
CITY HALL
DURANT, OKLAHOMA

A. GENERAL: This project is for abatement asbestos-insulated piping, floor tiles and adhesive located in the Durant City Hall, 300 W. Evergreen, Durant, Oklahoma in preparation for renovation of the building. The work involves friable and non-friable asbestos abatement. The friable asbestos materials are specifically addressed in the attached Project Design. The contractor performing this work shall be currently licensed by the Oklahoma Department of Labor (ODOL) as an asbestos abatement contractor. The areas where the abatement is to be done are vacant; however, the rest of the building will remain occupied. The City will remove all stored items from the areas where abatement is to be conducted prior to releasing the areas for abatement and mobilization of the abatement contractor (Contractor).

B. REGULATORY COMPLIANCE: The Contractor shall comply with applicable federal and State regulations governing the abatement of asbestos.

C. ITEMS OF WORK:

1. Friable asbestos:
   a. Remove and dispose of approximately 1,115 LF of ACM piping insulation on domestic water and heating water piping located in the basement crawlspaces, pipe tunnel and boiler room, plus piping insulation serving two restrooms on the first floor as described in the attached Project Design.
   b. Demolish wall and chase areas only as necessary for access to the piping for abatement.
   c. Dispose of the ACM and ACM-contaminated materials as asbestos waste and provide copies of waste disposal manifests to ENERCON signed by the receiving landfill.

2. Non-friable asbestos:
   a. Remove and dispose of approximately 40 SF of ACM floor tiles and adhesive in in a storage closet on the first floor of the building.
   b. Remove baseboards as necessary for access to floor tiles/adhesive located beneath the baseboards. Remove baseboards in suitable condition for reinstallation by others. Remove nails from baseboards and place in storage closet following completion of abatement.
   c. Dispose of the floor tiles and adhesive along with the friable asbestos waste.

3. Re-insulation of Piping: Reinsulate domestic water piping according to accepted industry standards when included in the contract for abatement.

D. CONDITIONS OF WORK:

1. The work is in preparation for renovation of the building.
2. The work is to be scheduled by the Contractor in coordination with Enercon Services, Inc. (ENERCON) and the City. All work on the first floor shall be done after normal work hours on

weekdays or on weekends. Prep work in the basement may be done during normal work hours; however, all abatement and loadout are to be done after normal work hours on weekdays or on weekends.

3. This work will require a NESHAP notification to be submitted by the Contractor.
4. Power, water and discharge points will be available from existing sources in the building.
5. The Contractor shall provide temporary lighting as necessary to adequately illuminate the work areas.
6. The Contractor shall limit his access only to areas of the building required to accomplish the planned abatement.
7. The Contractor shall remove all poly and tape residue from surfaces outside of the interior of walls, chases, crawlspaces and pipe tunnel prior to demobilization. The Contractor shall repair any damage to surfaces outside of the interior of the work areas prior to demobilization.
8. The Contractor shall provide a valid Negative Exposure Assessment (NEA) for the removal of floor tiles/adhesive to ENERCON prior to commencement of removal of the floor tiles and adhesive. If a valid NEA is not available, personal air monitoring during removal of floor tiles/adhesive will be required to be performed by the Contractor to document potential personnel exposures during removal. The establishment of an NEA shall be at the contractor's expense and will involve a minimum of one full work shift of personal air monitoring.
9. During use of non-toxic mastic remover, the area will be adequately sealed from the areas outside the area of work using critical barriers and an AFD connected to a pop-up at the doorway to the closet to exhaust the adhesive remover fumes from the from the building to facilitate odor control.
10. Building security will be maintained by the City during normal work hours. The Contractor will be responsible for maintaining building security and following security procedures set forth at the pre-work meeting on site prior to commencement of work. The Contractor will secure the entrances to the work areas in the basement at the decon or stairwell entrance and north doorway (loadout) when Contractor personnel are not present to control entry.

E. ABATEMENT CONTRACTOR TO PROVIDE: The Contractor shall provide all labor, equipment, supplies, materials, waste transportation and disposal, etc. as set forth in his contract with ODEQ/OMES. The Contractor will be responsible for safeguarding his equipment, supplies and any other items he has brought to the site. The Contractor will have the use of designated restrooms in the building for use by his workers. The restrooms shall be maintained in a tidy condition insofar as it relates to use by Contractor personnel. ENERCON will inspect the restrooms prior to Contractor personnel departure at the end of each work shift. The Contractor will provide the following submittals to ENERCON within 20 work days following demobilization:

1. Two (2) legible copies of all regulatory agency notifications.
2. Two (2) legible copies of all ODOL/ODEQ inspection reports.
3. Two (2) legible copies of any air monitoring reports not performed by ENERCON.
4. Two (2) legible copies of all waste disposal manifests signed by the receiving landfill.
5. Certification that the Contractor has satisfactorily completed all work described in this Scope of Work and Project Design.

F. OWNER TO PROVIDE: The City will provide the following in a timely manner in support of the Work:

1. Electricity, water and wastewater disposal from existing available outlets.
2. Access to the building and work area.

3. Access to the restrooms for use by workers.
4. Building security procedures for access outside normal working hours.

G. PERFORMANCE PERIOD: The work described herein is to be completed within 25 workdays.

H. WASTE DISPOSAL: Disposal of all asbestos waste shall be the responsibility of the Contractor. Proper disposal of asbestos-contaminated waste shall be accomplished at an EPA-approved disposal site and a legible copy of the waste manifests/chains of custody signed by the receiving landfill are to be provided to ENERCON within 20 calendar days following completion of the work. Payment to the Contractor will be contingent upon ENERCON receiving these documents in legible form.

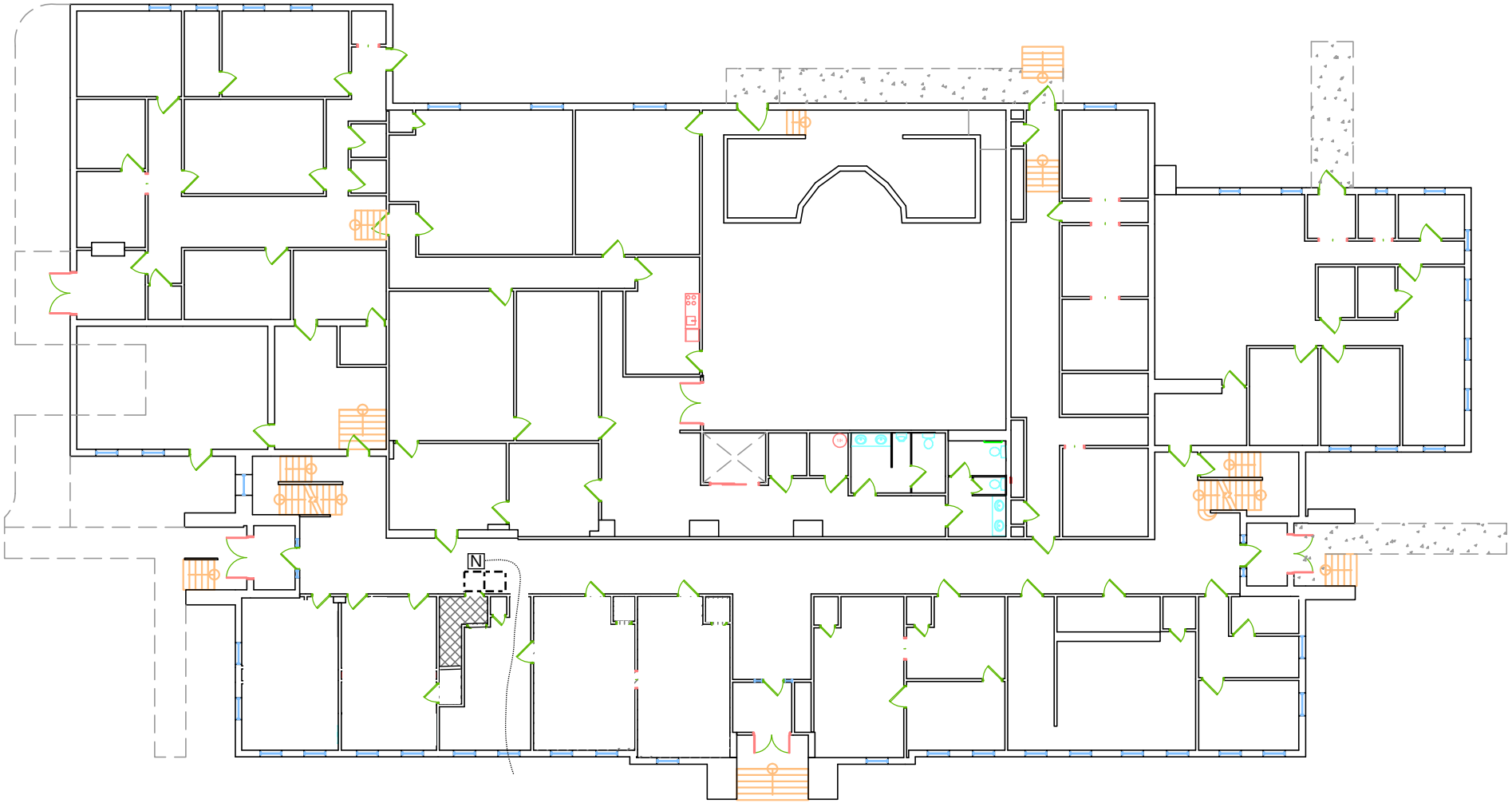
I. INSURANCE: As stated in the ODEQ/OMES Contract.

J. BONDS: As stated in the ODEQ/OMES Contract.

K. INVOICING: As stated in the ODEQ/OMES Contract.

Attachments

Floor Tile/Adhesive Removal Layout
Project Design
ODOL Project Design Approval



Notes:
1. Remove floor tiles & adhesive
2. Use splash guards on walls
3. Use pop-up at doorway
4. Use AFD exhausted outside to minimize fume dispersal
5. One PCM clearance air sample collected in storage room

City Hall Building
300 West Evergreen
Durant, Ok. 74702

Legend:
Floor Tiles and Adhesive @ 40-SF

ENERCON

Asbestos Floor Tiles & Adhesive Location - First Floor

ATTACHMENT 2

Asbestos Abatement
Project Design
City Hall, Durant OK

REVISION NO. 1

ASBESTOS ABATEMENT PROJECT DESIGN
FRIABLE ASBESTOS ABATEMENT

CITY HALL, DURANT, OK

A. INTRODUCTION: This Project Design was prepared by Enercon Services, Inc., in order to provide a prudent course of action for abatement of asbestos-containing materials in preparation for renovation. Protocols to be used are for compliance with governing regulations to protect occupants and contractor personnel from incidental exposure to airborne asbestos fibers during abatement.

B. PROJECT INFORMATION:

1. Project Name: Asbestos Abatement, City Hall, Durant, OK
2. Description of Work/Occupancy: The work involves removal of approximately 1,115 LF of piping insulation. Demolition of restroom chase/wall areas will be necessary for access to piping in walls and chases. The quantity of wall demolition for access to this piping is to be determined by the abatement contractor (Contractor). The building is occupied and will remain occupied in areas outside of the abatement work areas. The work is to be scheduled during hours of minimal occupancy.
3. Project Type: Renovation.
4. Contractor: To be determined by ODEQ.
5. Industrial Hygiene/Air Monitoring Firm: Enercon Services, Inc. (ENERCON)
6. Analytical Laboratory: Enercon Services, Inc. (air samples); QuanTEM Laboratories, Inc. (bulk material samples).

C. REGULATORY COMPLIANCE (1): The work involves abatement of piping insulation. The specific governing regulations affecting this work include, but are not limited to, 29 CFR 1926.1101 (OSHA Construction Industry Asbestos Standard), 29 CFR 1910.134 (OSHA Respiratory Protection), 40 CFR 61, Subpart M (Asbestos NESHAP) and OAC 380:50 (Oklahoma Rules for Abatement of Friable Asbestos). Waste transport and disposal is to be performed by an Oklahoma-licensed asbestos waste transporter with a waste disposal manifest/chain of custody signed by the receiving landfill. DOT Class 9 placards are to be displayed during transportation of asbestos waste.

D. WORK SEQUENCING/SCHEDULING (2): The work will be done in a single phase using multiple tasks. The basement, crawlspaces and tunnel are to be abated in a single task. The abatement on the first floor will be done in two tasks. The work is to be scheduled by the Contractor in coordination with ENERCON and the City of Durant. Prep may be done during normal work hours in the basement, crawlspaces and tunnel; prep on the first floor is to be done after normal work hours on weekdays or weekends. Abatement is to be done after normal work hours for all tasks.

E. EGRESS AND FIRE PROTECTION (3): From the basement, in the event emergency evacuation is necessary, the primary exit will be out through the decon, up the stairs and out the south exit. A secondary emergency exit is available through the loadout and out to the north. The south crawlspace has an access point at the west end that could be used as an emergency exit; however the east

crawlspace and the tunnel have only one entry and exit point. These are non-permit confined spaces. On the first floor, the primary exit from the work areas will be out through a pop-up and to the outside via the nearest available doorway. Workers will be briefed on emergency exit procedures and the assembly point at the beginning of the work shift. No special fire protection measures are required. One 10#ABC fire extinguisher will be placed inside each work area near the exit point while work is in progress inside that work area, with one placed outside the dirty room of the decon. These will only need to be in place when work is in progress in each work area. Battery-backed up emergency lighting will be provided at the decon and inside each work area when work in progress in each work area. Installed lighting may be used when not in arms' reach of the piping being abated. An attached decon and loadout will be used for abatement in the basement, tunnel and crawlspaces. The decon will be used as a remote decon for piping abatement on the first floor.

F. MATERIALS TO BE ABATED (4):

1. Description: The asbestos material to be abated consists of line and fitting insulation on heating and domestic water systems. The piping is located in the basement, two crawlspaces, a pipe tunnel, inside walls and chases serving restrooms on the first floor.
2. Amount and Location of Asbestos-Containing Materials (ACM): Approximately 1,115 LF of insulation on lines and fittings is to be abated. The line insulation contains 70-75% Chrysotile and the fitting insulation contains 15% Chrysotile and 12-15% Amosite. The laboratory report is attached.

G. ASBESTOS ABATEMENT METHODS (5): Abatement of the piping insulation on domestic water piping will be done by glove-bagging; abatement of piping insulation on heating water piping will be done using wrap and cut procedures. An attached decon/loadout will be used for the basement, crawlspace and tunnel abatement and a remote decon for the abatement on the first floor. The tunnel has a concrete floor that is to be pre-cleaned and a drop cloth installed on the floor during prep. The crawlspaces have some visible ACM contamination on the soil along the path of the piping. During pre-cleaning, visible pieces of insulation will be removed and bagged, followed by installing a poly ground cloth beneath the path of the piping prior to installing the glove-bags and wrapping piping. The decon/loadout will be set up and functional prior to workers entering the crawlspaces or tunnel. Pre-cleaning will be done in full-face APR and full-body suits. The tunnel and crawlspaces are non-permit required confined spaces requiring the Contractor to assure that it is safe to enter prior to workers entering these areas. Each area will be checked for oxygen level and combustible gasses prior to initial entry at the beginning of each work shift and following lunch break prior to entry during prep and abatement. The readings will be recorded in the Contractor's daily log and posted at the entrances to the crawlspaces and tunnel prior to workers entering these areas. Workers are to work in pairs with two-way radio or other similar communication in place with the supervisor or other worker outside the tunnel or crawlspaces. Following completion of glove- bagging and wrapping/cutting, the tunnel poly and ground poly will be cleaned and damp wiped in preparation for the visual inspection. Following the visual inspection, this poly will be removed and the tunnel final cleaned. Clearance in the tunnel may be done at this time with the entrance covered with poly flaps, then sealed following satisfactory clearance air sampling. For the crawlspaces, the areas within four feet either side of the piping runs will be visually inspected and visible contamination removed from these areas. These areas in each crawlspace will be divided into nine sampling areas and a random soil sample collected in each

of the nine gridded areas. If any sample contains more than one percent asbestos, the Contractor will remove additional soil in the area and the area re-sampled. This process will be repeated until all nine samples in each gridded area do not exceed one percent ACM. Clearance air samples will then be collected in each crawlspace. Final cleaning as needed in the boiler room will be done followed by clearance air sampling in that area.

H. ASBESTOS AIR MONITORING/RESPIRATORY PROTECTION (6, 7): No background air samples will be collected. Personal air monitoring and respiratory protection will not be required while installing critical barriers, setting up the decon/loadout and preparing the loadout trailer to receive the waste. Full-body protective clothing and full-face APR with HEPA-cartridges will be worn during pre-cleaning, hanging the glove-bags and during interior demolition required for access to the piping for abatement or other activities when the potential for disturbance of ACM exists. Full-body protective clothing and half-face APR may be worn during handling of bagged/wrapped waste from the loadout/pop-ups to the disposal trailer. Personal air samples will be collected on a minimum of two workers during abatement and prep activities requiring respiratory protection. One inside area air monitor will be placed inside each work area when activities requiring respiratory protection are in progress in that area. The inside area monitors are to be moved as necessary as work progresses to provide representative fiber concentrations near active work. One outside area monitor will be set outside the decon clean room and outside each pop-up when work requiring respiratory protection is being done inside the respective work area. One area air sample will be collected along the loadout path during loadout from each work area. Five PCM clearance samples will be collected in each crawlspace, five PCM clearances samples collected in the tunnel and basement combined work area, and three PCM clearances will be collected in each restroom work area on the first floor.

I. LABORATORY CERTIFICATIONS: The laboratory to be used for analysis of area and clearance air samples will be ENERCON. Personal air samples are the responsibility of the Contractor and will be collected and analyzed by an independent third party air monitoring firm selected by the Contractor. All air samples will be collected and analyzed by an Asbestos Air Monitoring Technician authorized to collect and analyze air samples in Oklahoma.

J. CONTAINMENT METHODS (8, 9): Glove-bag procedures will be used for the piping abatement. Asbestos barrier tape or signs will be used at the decon/loadout and critical barriers at other potential entrances to the work areas to restrict access. The work areas are to be secured to protect from unauthorized entry to a work area when contractor personnel are not on site to control access. Power, water and decon shower discharge points are available from existing outlets in the building. Electrical circuits in the tunnel and crawlspaces will be shut off, locked out and tagged out. In other areas, circuits within arms' reach of glove-bag activities will be addressed similarly. HVAC systems serving the work areas will be isolated from the work areas during abatement. Water to the decon shower will be shut off at the source when contractor personnel are not on site. An AFD will be set at the decon, discharged externally and monitored when the decon is in use. The contractor may choose to set AFDs in the crawlspaces for ventilation, and if so, they are to be discharged externally and monitored. Glove-bagged waste will be placed inside asbestos disposal bags and sealed with a generator label inside. Piping being removed by wrap and cut procedures will be double-wrapped in nylon-reinforced poly for disposal with a generator label placed between the layers of poly. For the

basement, tunnel and crawlspace abatement, double-bagged/double-wrapped waste will be removed through the loadout and placed in a poly-lined disposal trailer for transport to the disposal landfill. For the abatement of restroom piping on the first floor, critical barriers and drop cloths are to be used with pop-ups for entry-exit from the work areas. For restroom abatement, demolition of chase and/or wall areas will be required for access to the piping for abatement. The meeting room wall is not to be disturbed; it will likely be necessary to remove some of the fixtures in the west restroom in order to demo the wall area needed for access. Fixtures removed shall be disconnected from the piping and removed intact, stored in the restroom and the piping connections capped. Wall repairs and reinstallation of fixtures will be done by others. For abatement of piping in the east restroom, access will be made from the north-south hallway and closet area. The fixtures and wall inside this restroom are to remain in place. Demolition debris from both areas is to be disposed by the Contractor. Only the minimum amount of demolition necessary for access to the piping to be glove-bagged is to be done. See attached layouts for configuration of work areas and location of relevant items. Piggy-backed AFDs will be used to provide air flow through the decon, as there is no convenient path for the AFD discharge tubing to be routed to the outdoors. The discharge from the second AFD will be monitored when the decon is in use.

K. DECONTAMINATION SYSTEM (10): A worker decontamination facility will be set in the basement and attached to the work area that includes the basement, tunnel and crawlspaces. Plywood walls will be used to prevent entry by unauthorized personnel. During abatement on the first floor, the decon is to remain in place and reversed to enable workers to access the decon via the central stairwell. Workers will use double-suit procedures when exiting a work area with a pop-up and going to the decon. When entering the decon, workers are to remove their soiled suit in the dirty room, enter the shower with only their respirator on, remove their respirator and shower with soap and water. After rinsing their body and respirator, they are to proceed into the clean room to dry off, put on their street clothes, clean their respirator and store it for subsequent use. The clean room is to be kept tidy at all times. Lighting for the work areas will be provided by the abatement contractor as necessary with power obtained outside the work area and routed through GFCI pigtails into the work area and to the decon shower pump. Procedures set forth in OAC 380:50-15-7, 8 and 12 to be followed. Battery-powered emergency lighting will be provided at the decon and pop-ups.

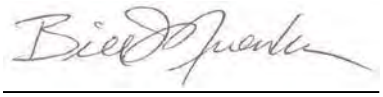
L. CONTAMINATED SOIL (11): Contaminated soils will be abated in this project. Gridded soil sampling will be required in the two crawlspaces. All visible ACM contamination will be removed from the crawlspaces following completion of glove-bag/wrap and cut abatement. The area in each crawlspace will be divided into nine sampling areas and a random soil sample collected in each gridded area. If any sample contains more than one percent asbestos, the contractor will remove additional soil in that area and the area re-sampled. This process will be repeated until all nine samples in each area do not exceed one percent ACM.

M. DAMAGE PROTECTION (12): The contractor will use procedures that minimize damage to building components not required to be disturbed for access to ACM during the prosecution of work. All poly, duct tape and spray-glue residue will be removed from normally-occupied areas following abatement**.** Removal of spray-glue residue will not be necessary inside the tunnel, walls, chases and crawlspace areas.

N. **VARIANCES REQUESTED (13):** Variances are requested for the following: 1) to permit piggy-backing of the AFDs associated with the decon, 2) to permit three clearance samples to be collected in the restroom work areas due to the small size of these areas.

O. **INSPECTIONS:** ODOL is expected to conduct a prep inspections, in-progress inspections, visual inspections and final inspections following completion of one or more tasks. ODOL may combine or eliminate one or more of these inspections at their discretion.

P. **CERTIFICATION:** This project design was prepared by the undersigned for compliance with applicable federal and State regulations, and approved variances.



11/10/2015 .

Bill Muenker Date

Asbestos Project Designer, OKPD-140007

2033 Heritage Park Drive / Oklahoma City, OK 73120 / (405) 755-7272 / Fax (405) 755-2058

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 230627
Account Number: A845

Client: Enercon Services, Inc.
6525 N. Meridian, Suite 400
Oklahoma City, OK 73116

Date Received: 01/10/2014
Received By: Alex Raymond
Date Analyzed: 01/17/2014
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

Project: Durant City Hall
Project Location: Durant, OK
Project Number: N/A

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	CH-01-01	Layered	Brown Insulation	Asbestos Present Chrysotile 3	Cellulose 95	Binder
001a		Layered	Gray Insulation	Asbestos Present Chrysotile 70	Cellulose 10	Binder
002	CH-01-02	Layered	** Insulation	**	Not Analyzed	
Positive Stop						
002a		Layered	** Insulation	**	Not Analyzed	
Positive Stop						
003	CH-01-03	Layered	** Insulation	**	Not Analyzed	
Positive Stop						
003a		Layered	** Insulation	**	Not Analyzed	
Positive Stop						
004	CH-02-01	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 75	Cellulose 10	Binder

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

QuanTEM is a NVLAP accredited PLM laboratory (Lab Code: 101959-0). This report relates only to the specific items tested. NVLAP accreditation applies only to analysis performed utilizing EPA/600/M4-82-020 and EPA/600/R-93/116 methods. This report may not be used to claim product endorsement by NVLAP or any agency of the US Government. This report may not be reproduced except in full, without the written approval of the laboratory.

2033 Heritage Park Drive / Oklahoma City, OK 73120 / (405) 755-7272 / Fax (405) 755-2058

Polarized Light Microscopy Asbestos Analysis Report

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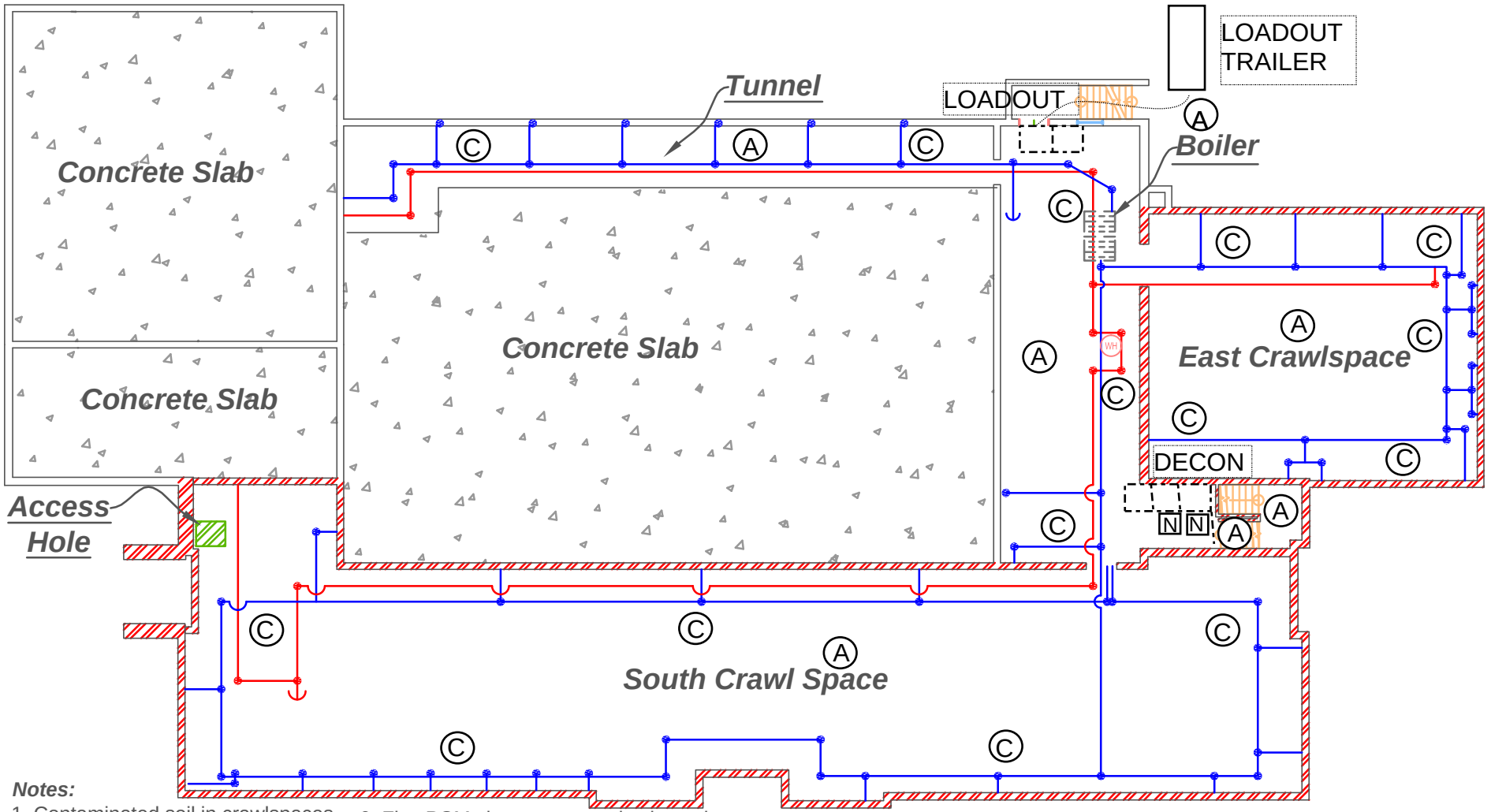
6525 N. Meridian, Suite 400
Oklahoma City, OK 73116

Project: Durant City Hall
Project Location: Durant, OK
Project Number: N/A

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
005	CH-02-02	Homogeneous	** Insulation	**	Not Analyzed	
Positive Stop						
006	CH-02-03	Homogeneous	** Insulation	**	Not Analyzed	
Positive Stop						
007	CH-03-01	Homogeneous	White Insulation	Asbestos Present Chrysotile 15 Amosite 15	NA	Gypsum
008	CH-03-02	Homogeneous	** Insulation	**	Not Analyzed	
Positive Stop						
009	CH-03-03	Homogeneous	** Insulation	**	Not Analyzed	
Positive Stop						
010	CH-04-01	Homogeneous	White Insulation	Asbestos Present Chrysotile 15 Amosite 12	NA	Gypsum
011	CH-04-02	Homogeneous	** Insulation	**	Not Analyzed	

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

QuanTEM is a NVLAP accredited PLM laboratory (Lab Code: 101959-0). This report relates only to the specific items tested. NVLAP accreditation applies only to analysis performed utilizing EPA/600/M4-82-020 and EPA/600/R-93/116 methods. This report may not be used to claim product endorsement by NVLAP or any agency of the US Government. This report may not be reproduced except in full, without the written approval of the laboratory.



Notes:

1. Contaminated soil in crawlspaces estimated @ 1440 CF
2. Glove-bag domestic water piping
3. Wrap and cut heating water piping
4. Attached decon in basement
5. Critical barriers and drop cloths
6. Five PCM clearance samples in each crawlspace; five clearance samples in basement and tunnel combined.
7. Lockdown domestic water piping where ACM was removed.
8. Piggy-backed AFDs at decon
9. Contaminated soil cleanup and gridded soil sampling in crawlspaces
10. Lockdown soil cleanup areas following satisfactory samples.

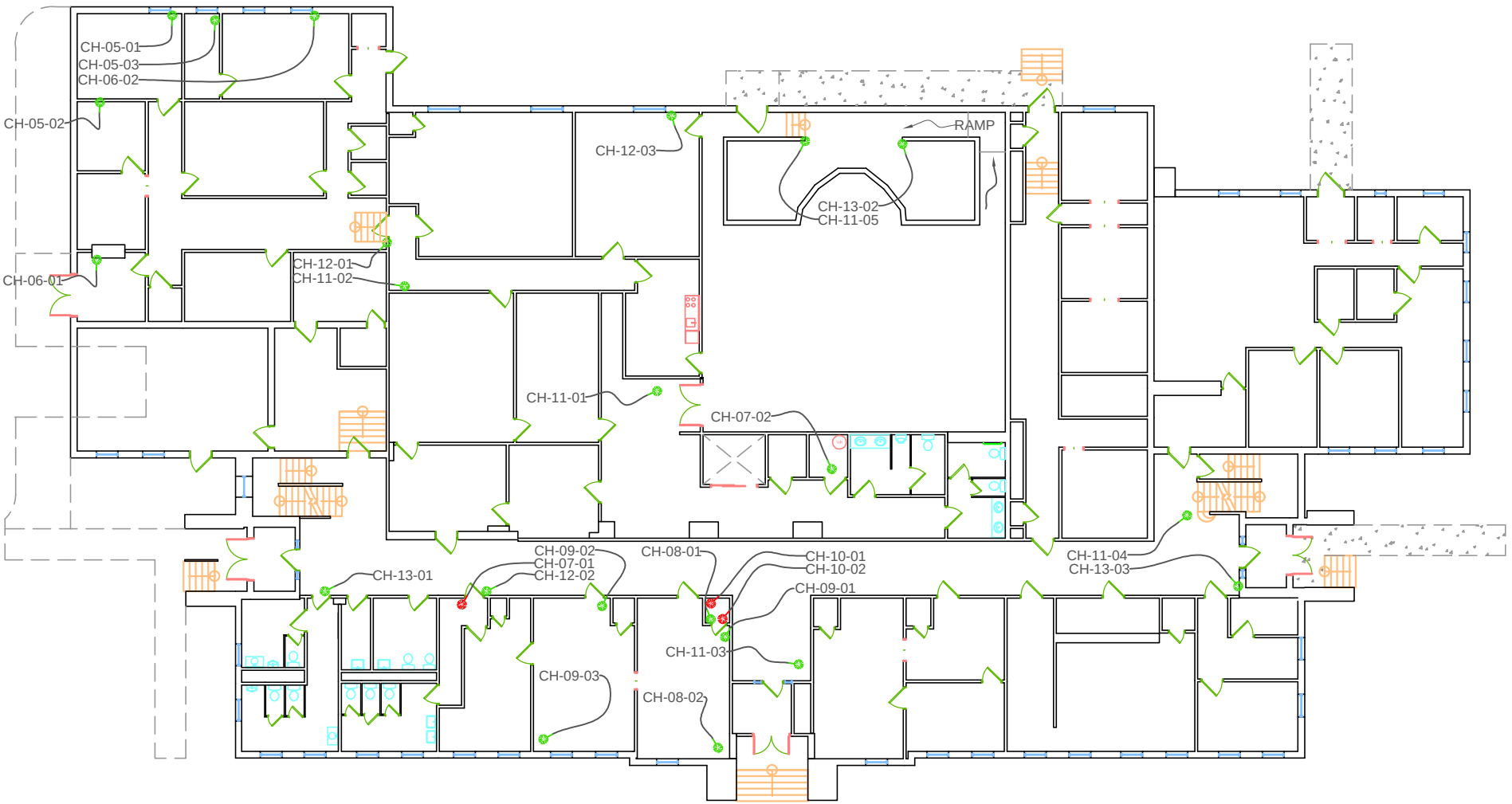
City Hall Building
300 West Evergreen
Durant, Ok. 74702

Legend:

- Steam Pipe @ 730-LF
- Hot Water Pipe @ 285-LF
- Crawl Space Perimeter

ENERCON

Asbestos Piping Locations
Basement and Crawl Space



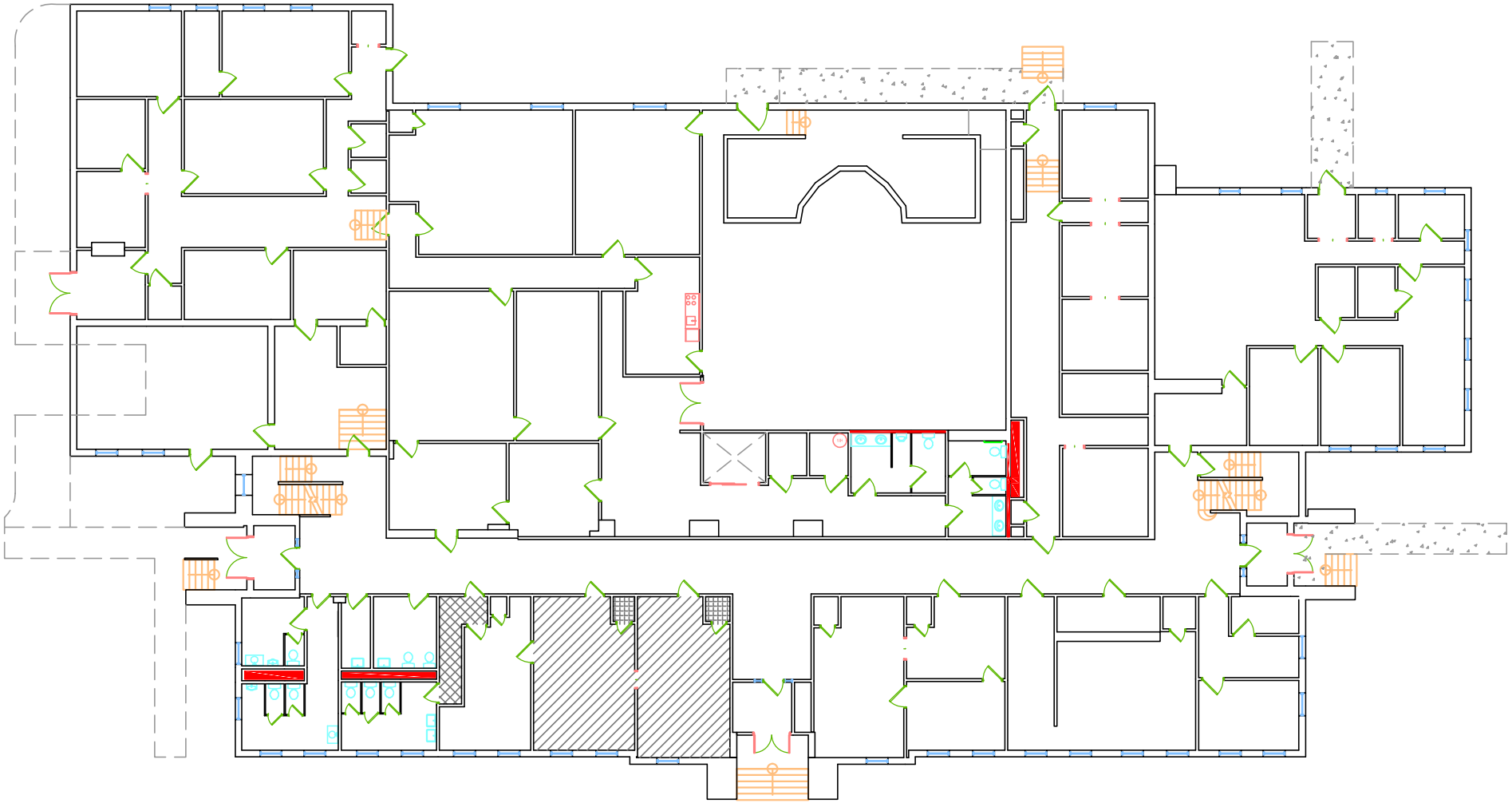
City Hall Building
300 West Evergreen
Durant, Ok. 74702

Legend:

- Positive Asbestos Sample Location
- Negative Asbestos Sample Location

ENERCON

Sample Locations
First Floor



Notes:

1. Piping to second floor perimeter radiators enclosed and not accessible for inspection (locations not shown). 2. Piping to restrooms not accessible for inspection
3. Estimated Quantity of insulated piping @ 200 LF
4. Estimated wall demolition for access for abatement = 600 SF

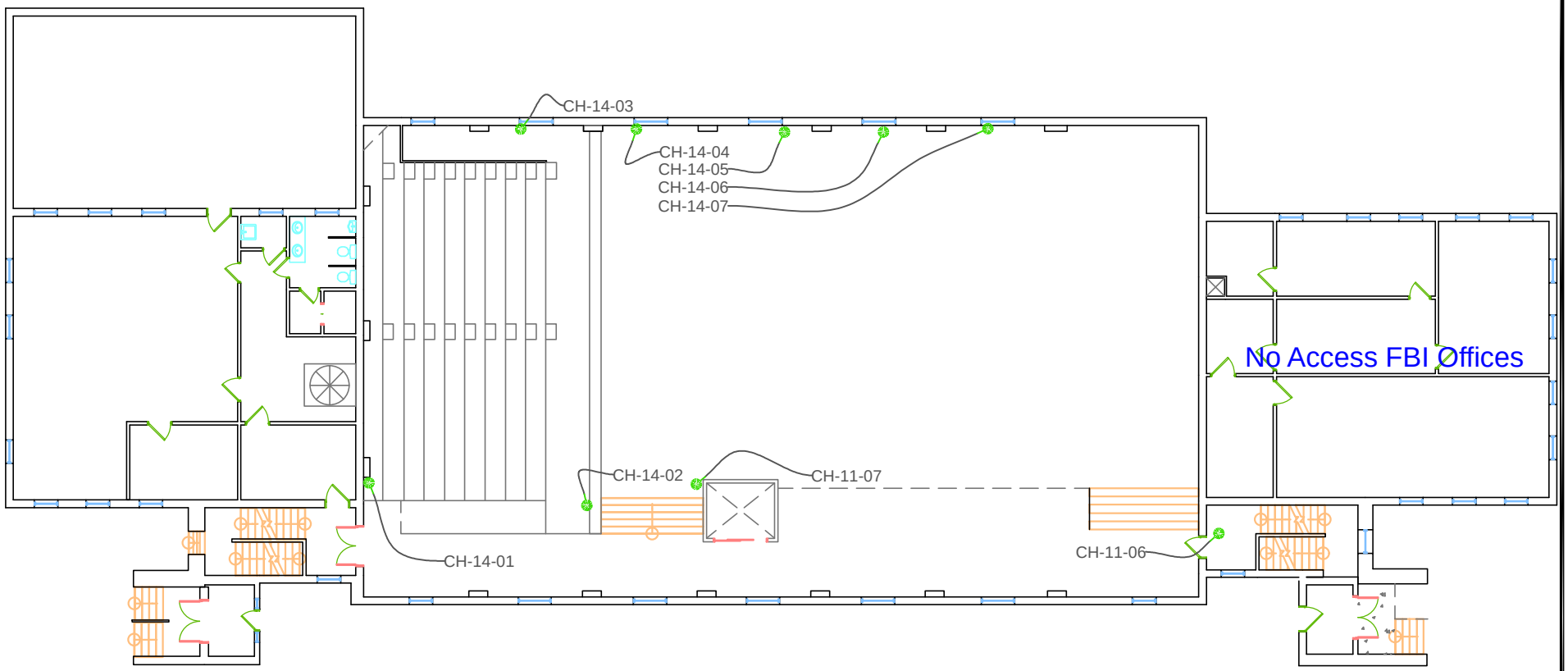
City Hall Building
300 West Evergreen
Durant, Ok. 74702

Legend:

- Floor Tile and Mastic @ 70-SF
- Mastic under Carpet and Tile @ 625-SF
- Mastic under Tile @ 25-SF
- Piping in restroom chases/risers @ 230-LF

ENERCON

Asbestos Locations
First Floor (Flooring)



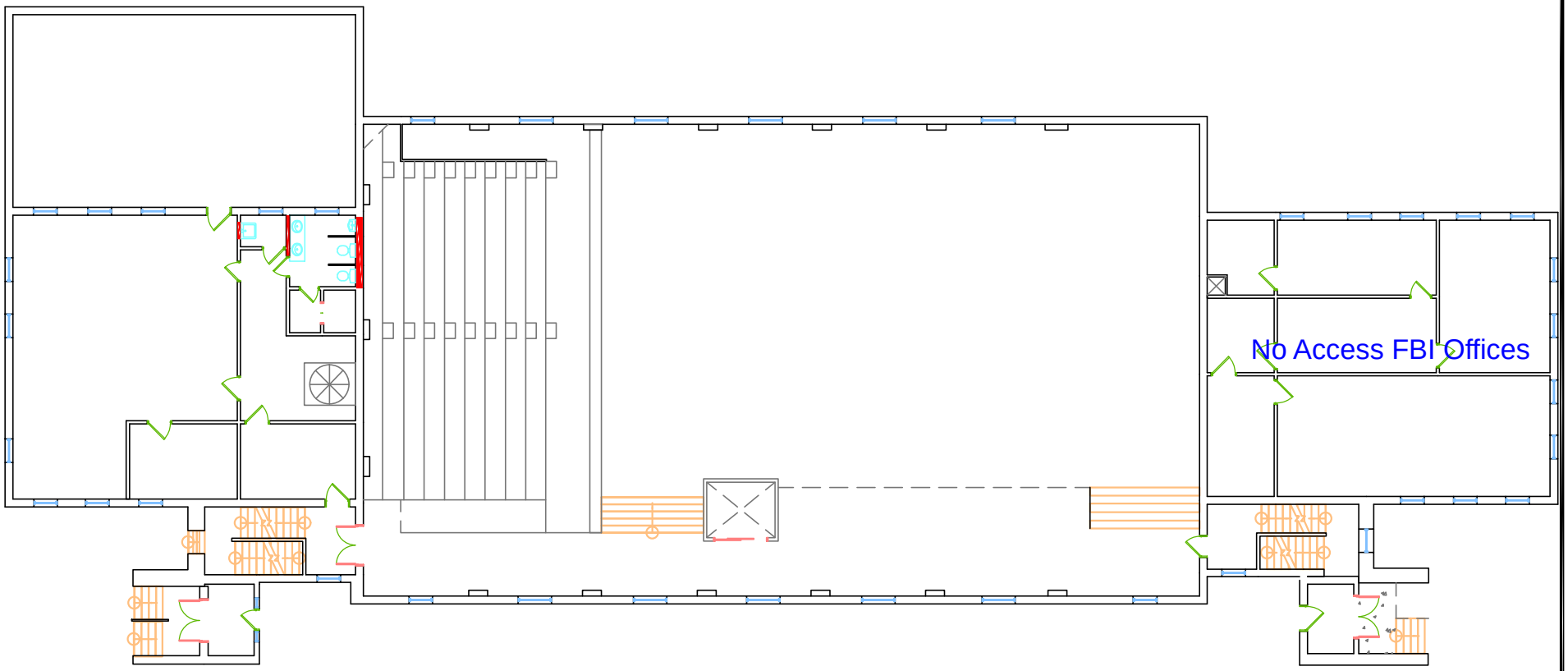
City Hall Building
300 West Evergreen
Durant, Ok. 74702

Legend:

- Positive Asbestos Sample Location
- Negative Asbestos Sample Location

ENERCON

Sample Locations
Second Floor



Note:

1. Demolition required for access to Piping in walls @ 50 SF

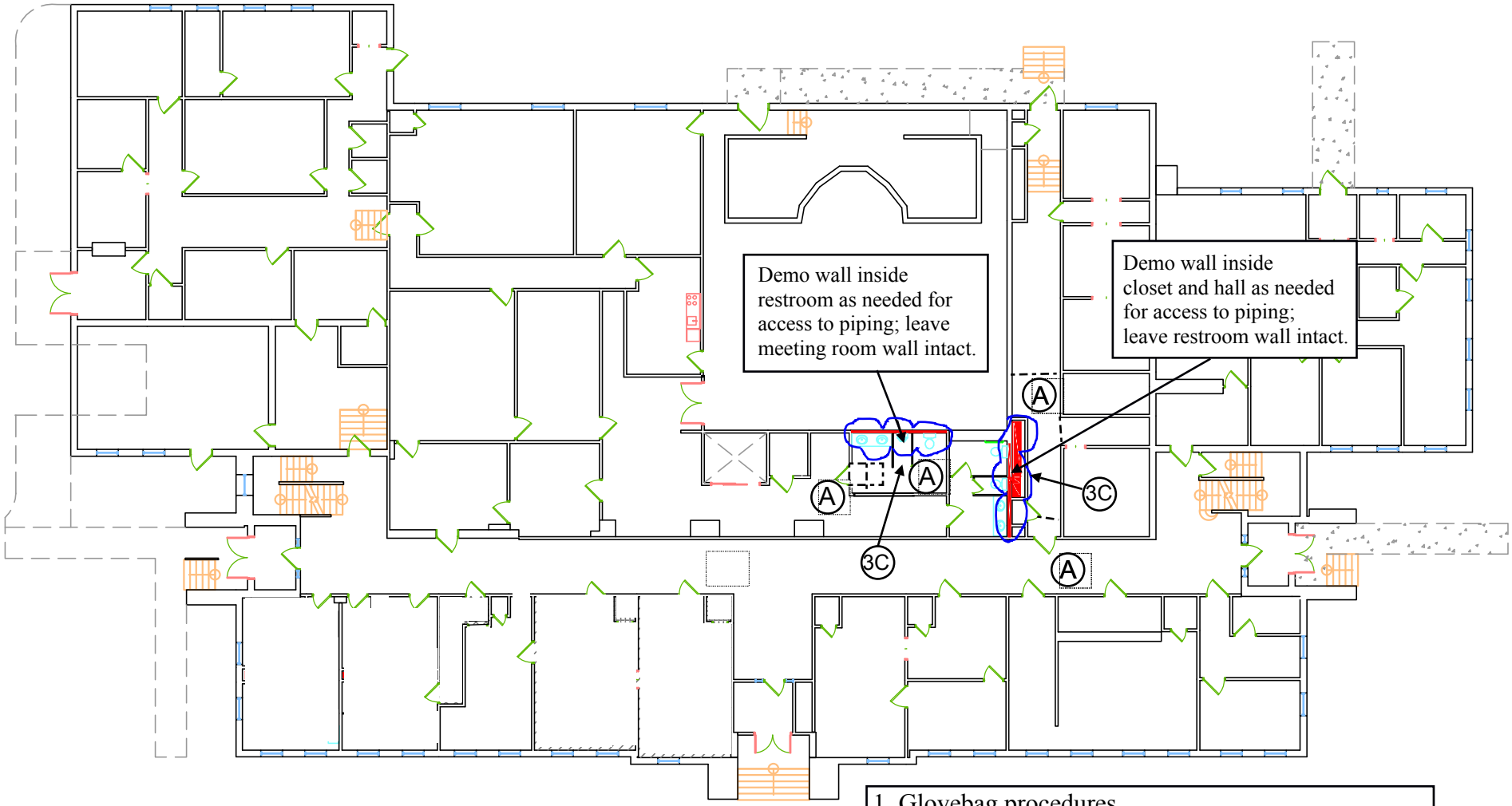
City Hall Building
300 West Evergreen
Durant, Ok. 74702

Legend:

= Domestic water Piping in wall @ 30 LF

ENERCON

Asbestos Piping Locations
Second Floor



1, Glovebag procedures
2. Remote decon in basement
3. Pop-ups at each work area.
4. Work done evenings and weekends
5. Lockdown piping where ACM removed.
6. Three PCM clearances in each work area.

City Hall Building
300 West Evergreen
Durant, Ok. 74702

Legend:

Piping in restroom chase/walls @ 100-LF

ENERCON

Asbestos Piping Locations First Floor

Final Remediation Reports

ENERCON
Excellence—Every project. Every day.

CERTIFICATE OF VISUAL INSPECTION
FOR THE REMOVAL OF ASBESTOS-CONTAINING BUILDING MATERIALS

CITY HALL
300 WEST EVERGREEN
DURANT, OKLAHOMA

Project Name:	Asbestos Removal, Durant, OK, City Hall
ENERCON Project No:	ODEQ 006
Project Description:	Abatement of Friable Asbestos-containing Building Materials
Abatement Contractor:	Tech-An, Inc.
Inspector:	Ben Baggett (OK License 143990)

This is to certify that the asbestos-containing building materials identified in the Project Design, and subsequent addenda, as applicable, appear to have been properly removed in accordance with governing rules and regulations and that the measured fiber concentrations present in the building following abatement activities were below Oklahoma's permissible exposure limits for airborne asbestos. The foregoing findings are based on the analytical results of air sampling performed during and after abatement, the visual final acceptance inspection of the areas abated, and the inspector's professional judgment. The information contained in this report represents conditions that exists at the time of this assessment. ENERCON does not warrant the services of regulatory agencies, laboratories, or other third parties supplying information that may have been used in the preparation of this certification.

Please find the following attached documents relating to this project:

- Asbestos Abatement Project Design & Scope of Work
- NESHAP[1] pre-demolition notification;
- ODOL inspection forms; and
- Air samples analytical results.
- Waste Manifests

J. Hunter Henrie
AHERA Asbestos Inspector OK401011

June 10, 2016
Date

[1] National Emission Standards for Hazardous Air Pollutants

ASBESTOS ABATEMENT PROJECT DESIGN
FRIABLE ASBESTOS ABATEMENT
CITY HALL, DURANT, OK

A. **INTRODUCTION:** This Project Design was prepared by Enercon Services, Inc., in order to provide a prudent course of action for abatement of asbestos-containing materials in preparation for renovation. Protocols to be used are for compliance with governing regulations to protect occupants and contractor personnel from incidental exposure to airborne asbestos fibers during abatement.

B. **PROJECT INFORMATION:**

1. Project Name: Asbestos Abatement, City Hall, Durant, OK
2. Description of Work/Occupancy: The work involves removal of approximately 1,500 LF of piping insulation. Demolition of wall areas and riser enclosure will be necessary for access to piping in walls, chases and riser enclosures. The amount of wall demolition for access to this piping is to be determined by the contractor. The building is occupied and will remain occupied in areas outside of the abatement work areas.
3. Project Type: Renovation.
4. Contractor: To be determined by Owner.
5. Industrial Hygiene/Air Monitoring Firm: To be determined by Owner.
6. Analytical Laboratory: To be determined by Owner.

C. **REGULATORY COMPLIANCE (1):** The work involves abatement of piping insulation. The specific governing regulations affecting this work include, but are not limited to, 29 CFR 1926.1101 (OSHA Construction Industry Asbestos Standard), 29 CFR 1910.134 (OSHA Respiratory Protection), 40 CFR 61, Subpart M (Asbestos NESHAP) and OAC 380:50 (Oklahoma Rules for Abatement of Friable Asbestos). Waste transport and disposal is to be performed by an Oklahoma-licensed asbestos waste transporter with a waste disposal manifest/chain of custody signed by the receiving landfill. DOT Class 9 placards are to be displayed during transportation of asbestos waste.

D. **WORK SEQUENCING/SCHEDULING (2):** The work will be done in multiple phases to permit relocation of occupants as work progresses. The basement, crawlspaces and tunnel are to be abated in a single phase. The abatement on the first and second floors will be scheduled as areas are vacated. The work is to be scheduled by the abatement contractor in coordination with the Owner. All work is planned for normal work hours.

E. **EGRESS AND FIRE PROTECTION (3):** From the basement, in the event emergency evacuation is necessary, the primary exit will be out through the decon, up the stairs and out the south exit. A secondary emergency exit is available through the loadout and out to the north. The south crawlspace has an access point at the west end that could be used as an emergency exit; however the east crawlspace and the tunnel have only one entry and exit point. These are non-permit confined spaces. On the first and second floors, the primary exit from the work areas will be out through a pop-up and to the outside via the nearest doorway. There are no secondary exits from these work areas. Workers will be briefed on emergency exit procedures and the assembly point at the beginning of the work shift. No special fire protection measures are required. One 10#ABC fire extinguisher will be placed

shift. No special fire protection measures are required. One 10#ABC fire extinguisher will be placed inside each active work area and moved as work progresses; one will also be set at the decon in the basement and at the pop-ups on the first and second floors. These will only need to be in place when work is in progress in each work area. Battery-backed up emergency lighting will be provided at the decon and at pop-ups when work in progress in each specific work area.

F. MATERIALS TO BE ABATED (4):

1. Description: The asbestos material to be abated consists of line and fitting insulation on heating and domestic water systems. The piping is located in the basement, two crawlspaces, a pipe tunnel, inside walls and chases serving restrooms on the first and second floors and inside enclosed risers on the perimeter of the first floor.
2. Amount and Location of Asbestos-Containing Materials (ACM): Approximately 1,300 LF of insulation on lines and fittings is to be abated. The line insulation contains 70-75% Chrysotile and the fitting insulation contains 15% Chrysotile and 12-15% Amosite. The laboratory report is attached.

G. ASBESTOS ABATEMENT METHODS (5): Abatement of the piping insulation will be done by glove-bagging using an attached decon for the basement, crawlspace and tunnel abatement and a remote decon for the abatement on the first and second floors. The tunnel has a concrete floor that is to be pre-cleaned and a drop cloth installed on the floor during prep. The crawlspaces have some visible ACM contamination on the soil along the path of the piping. During pre-cleaning, visible pieces of insulation will be removed and bagged, followed by installing a poly ground cloth beneath the path of the piping prior to installing the glove-bags. The decon/loadout will be set up and functional prior to workers entering the crawlspaces or tunnel. Pre-cleaning will be done in full-face APR and full-body suits. The tunnel and crawlspaces are non-permit required confined spaces requiring the contractor to assure that it is safe to enter prior to workers entering these areas. Each area will be checked for oxygen level and combustible gasses prior to initial entry at the beginning of the work shift and following lunch break prior to entry during prep and abatement. The readings will be recorded in the contractor's daily log and posted at the entrances to the crawlspaces and tunnel prior to workers entering these areas. Workers are to work in pairs with radio or other similar communication in place with the supervisor or other worker outside the tunnel or crawlspace. Following completion of glove-bagging, the tunnel poly and ground poly will be cleaned and damp wiped in preparation for the visual inspection. Following the visual inspection, this poly will be removed and the tunnel final cleaned. In the crawlspaces, the area within four feet either side of the piping runs will be visually inspected and visible contamination removed from this area. The area in each crawlspace will be divided into nine sampling areas and a random soil sample collected in each gridded area. If any sample contains more than one percent asbestos, the contractor will remove additional soil in this area and the area re-sampled. This process will be repeated until all nine samples in each area do not exceed one percent ACM.

An attached decon and loadout will be used for abatement in the basement, tunnel and crawlspaces. The decon will be used as a remote decon for piping abatement on the first and second floors. Depending upon the time between phases and the unoccupied space available on the first and second floors, the decon may be set on the first or second floor nearer to the work on those floors.

Accumulated waste will be placed inside asbestos disposal bags and sealed with a generator label inside. For the basement, tunnel and crawlspace abatement, double-bagged waste will be removed through the loadout and placed in a poly-lined disposal trailer for transport to the disposal landfill. For the abatement of piping on the first floor and second floors, critical barriers and floor poly are to be used, along with pop-ups for entry-exit from the work areas. For abatement on these floors, demolition of riser enclosures and wall areas will be required for access to the piping for abatement. See attached layouts for configuration of containment and location of relevant items. Since the configuration of the areas that are to be vacated and released for abatement at a particular time is not known, the number of phases of work cannot be established at this time. Revisions to the project design will be submitted as necessary once these areas are defined. The concept will remain the same (critical barriers, drop cloths, pop-ups, remote decon, glove-bag procedures), but the configuration of the individual work areas will vary.

H. **ASBESTOS AIR MONITORING/RESPIRATORY PROTECTION (6,7):** No background air samples will be collected. Personal air monitoring and respiratory protection will not be required while installing critical barriers, setting up the decon/loadout and preparing the loadout trailer to receive the waste. Full-body protective clothing and full-face, APR with HEPA-cartridges will be worn during pre-cleaning, hanging the glove-bags and during interior demolition required for access to the piping for abatement. Full-body protective clothing and half-face APR may be worn during handling of bagged/wrapped waste from the loadout/pop-ups to the disposal trailer. Personal air samples will be collected on a minimum of two workers during abatement and prep activities requiring respiratory protection. One inside area air monitor will be placed inside each work area when active abatement is in progress in that area. The inside area monitor will be moved as necessary as work progresses to provide representative fiber concentrations near active work. One outside area monitor will be set outside the decon clean room and outside each pop-up when active work is being done inside the respective area. One area air sample will be collected along the loadout path during loadout from each work area. Five PCM clearance samples will be collected in each crawlspace, five PCM clearances samples collected in the tunnel and basement combined work area, and five PCM clearances collected in each work area on the first and second floors. Where the work area is of such size to be considered a mini-containment, three PCM clearance samples may be collected upon concurrence by the ODOL inspector.

I. **LABORATORY CERTIFICATIONS:** The laboratory to be used for analysis of personal and area asbestos air samples is to be determined by the Owner. All air samples will be collected by an Asbestos Air Monitoring Technician authorized to collect and analyze air samples in Oklahoma.

J. **CONTAINMENT METHODS (8, 9):** Glove-bag procedures will be used for the piping abatement. Asbestos barrier tape or signs will be used at the decon/loadout and critical barriers at other potential entrances to the work areas to restrict access. The work areas are to be secured to protect from unauthorized entry to a work area when contractor personnel are not on site to control access. Power, water and decon shower discharge points are available from existing outlets in the building. Electrical circuits in the tunnel and crawlspaces will be shut off, locked out and tagged out. In other areas, circuits within arms' reach of glove-bag activities will be addressed similarly. HVAC systems serving the work areas will be isolated from the work areas during abatement. Water to the decon shower will be shut off at the source when contractor personnel are not on site. An AFD will be set at the decon, discharged externally and monitored when the decon is in use. The contractor may choose to set AFDs in the crawlspaces for ventilation, and if so, they are to be discharged externally and monitored.

K. **DECONTAMINATION SYSTEM (10):** A worker decontamination facility will be set in the basement and attached to the work area that includes the basement, tunnel and crawlspaces. Plywood walls will be used to prevent entry by unauthorized personnel. During abatement on the first floor and second floors, the decon may remain in place and reversed to enable workers to access the decon via the central stairwell. If the decon is relocated outside the basement, the configuration will depend upon its location in the building. This will need to be addressed in a revision to the project design. Workers will use double-suit procedures when exiting a work area with a pop-up and going to the decon. When entering the decon, workers are to remove their soiled suit in the dirty room, enter the shower with only their respirator on, remove their respirator and shower with soap and water. After rinsing their body and respirator, they are to proceed into the clean room to dry off, put on their street clothes, clean their respirator and store it for subsequent use. The clean room is to be kept tidy at all times. Lighting for the work areas will be provided by the abatement contractor as necessary with power obtained outside the work area and routed through GFCI pigtails into the work area and to the decon shower pump. Procedures set forth in OAC 380:50-15-7, 8 and 12 to be followed. Battery-powered emergency lighting will be provided at the decon and pop-ups.

L. **CONTAMINATED SOIL (11):** Contaminated soils will be abated in this project. Gridded soil sampling will be required in the two crawlspaces. The area in each crawlspace will be divided into nine sampling areas and a random soil sample collected in each gridded area. If any sample contains more than one percent asbestos, the contractor will remove additional soil in this area and the area re-sampled. This process will be repeated until all nine samples in each area do not exceed one percent ACM.

M. **DAMAGE PROTECTION (12):** The contractor will use procedures that minimize damage to building furnishings and components during the prosecution of work. All poly, duct tape and spray-glue residue will be removed from normally-occupied areas following abatement. Removal of spray-glue residue will not be necessary in the tunnel and crawlspace areas.

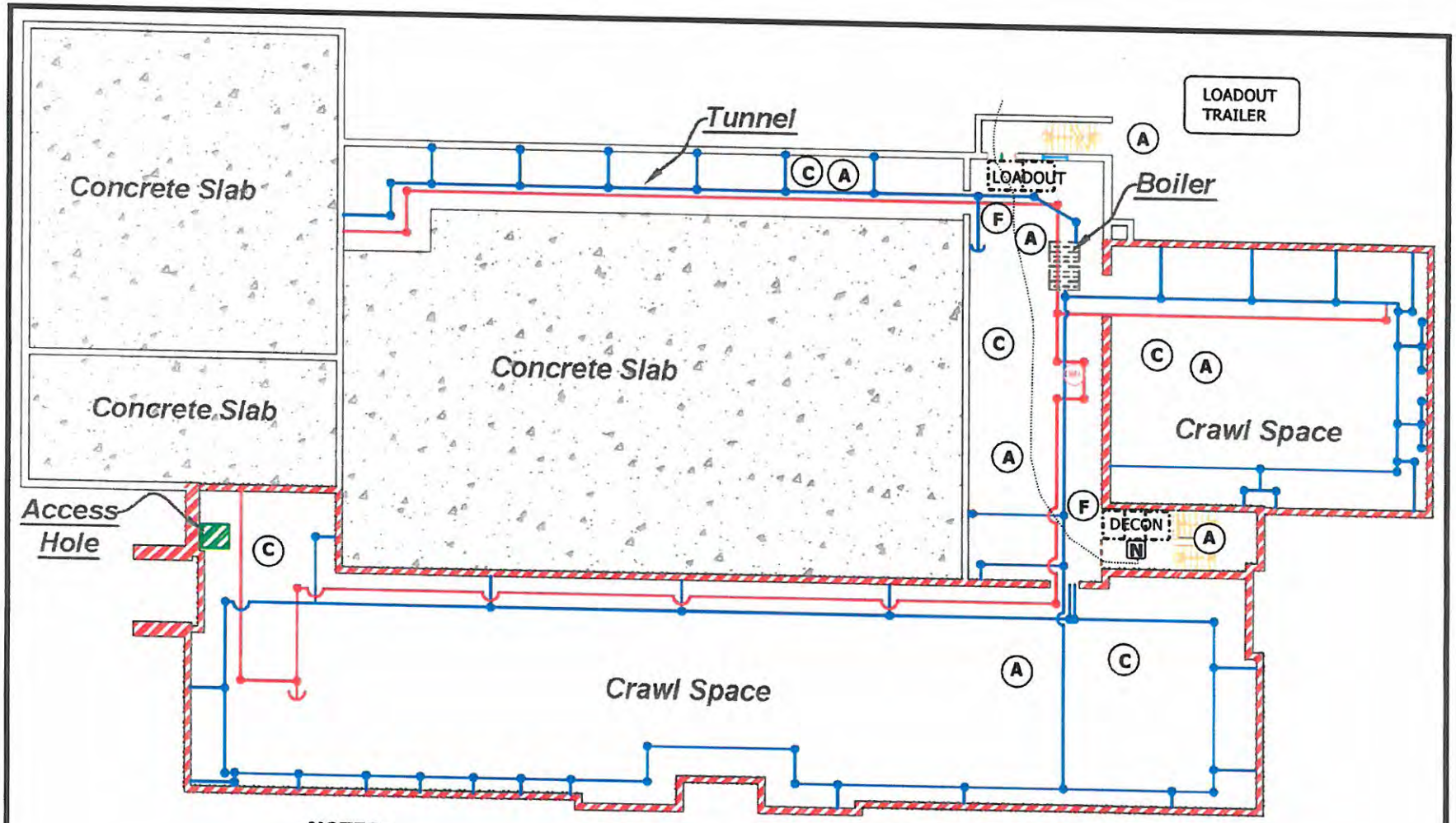
N. **VARIANCES REQUESTED (13):** None.

O. **INSPECTIONS:** ODOL is expected to conduct a prep inspections, in-progress inspections, visual inspections and final inspections following completion of each phase of abatement. ODOL may combine or eliminate one or more of these inspections at their discretion.

P. **CERTIFICATION:** This design was prepared by the undersigned for compliance with applicable federal and State regulations.

03/28/2014 .

Bill Muenker — Date
Asbestos Project Designer, OKPD-140007



NOTES:

1. **POLY SHEETING ON GROUND/FLOOR/TUNNEL BENEATH PATH OF PIPING**
2. **CRITICAL BARRIERS, ATTACHED DECON, GLOVE-BAG PIPING**
3. **FIVE NON-AGGRESSIVE PCM CLEARANCE SAMPLES**
4. **CLEANUP DEBRIS IN CRAWLSPACES; COLLECT NINE SOIL SAMPLES IN EACH CRAWLSPACE**

City Hall Building
300 West Evergreen
Durant, Ok. 74702

Legend:
- Steam Pipe @ 730-LF
- Hot Water Pipe @ 285-LF
- Crawl Space Perimeter

ENERCON

PIPING ABATEMENT-BASEMENT CRAWLSPACE & TUNNEL

SUIT-CHANGE POP-UP
ENCLOSED RISER (APPROXIMATE LOCATIONS)
PIPING IN CHASE OR WALLS

NOTES:
1. DEMO OF WALLS, RISER ENCLOSURES REQUIRED FOR ACCESS.
2. GLOVE-BAG PIPING; DROP CLOTHS
3. ROOMS VACATED WHERE ABATEMENT BEING DONE
4. CRITICAL BARRIERS WITH POP-UP AT DOORS TO ROOM OR GROUP OF ROOMS
5. FIVE PCM CLEARANCES SPREAD AMONG GLOVE-BAG WORK AREAS.

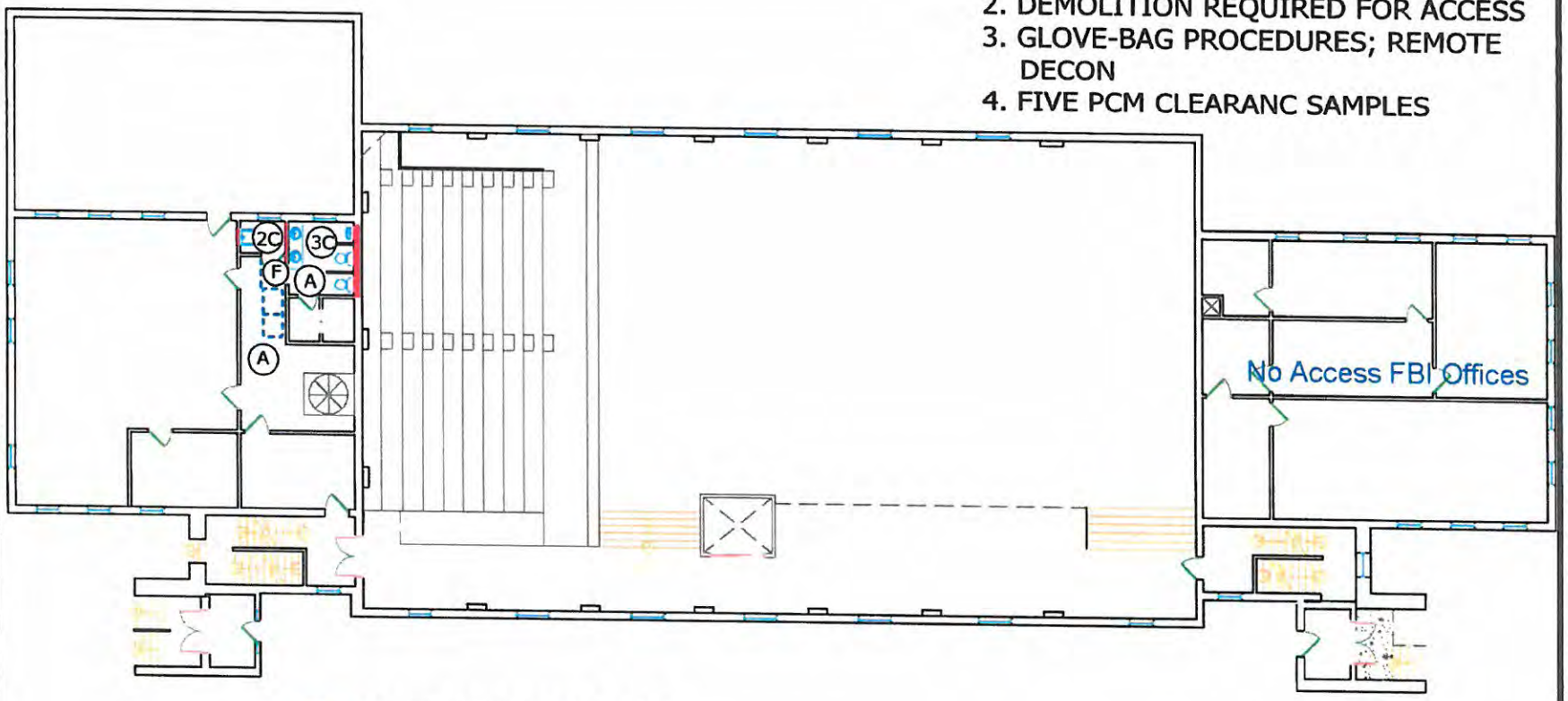
City Hall Building
300 West Evergreen
Durant, Ok. 74702

Legend:
- Floor Tile and Mastic @ 70-SF
- Mastic under Carpet and Tile @ 625-SF
- Mastic under Tile @ 25-SF
- Piping in restroom chases/risers @ 230-LF

ENERCON

GLOVE-BAG PIPING
FIRST FLOOR

NOTES:
1. PIPING IN CHASES/WALLS TO RESTROOMS NOT ACCESSIBLE FOR INSPECTION
2. DEMOLITION REQUIRED FOR ACCESS
3. GLOVE-BAG PROCEDURES; REMOTE DECON
4. FIVE PCM CLEARANC SAMPLES



SUIT-CHANGE POP-UP

City Hall Building
300 West Evergreen
Durant, Ok. 74702

Legend:
= Domestic water Piping in wall @ 30 LF

ENERCON

GLOVE-BAG ABATEMENT
SECOND FLOOR

QUANTEM LABORATORIES

2033 Heritage Park Drive / Oklahoma City, OK 73120 / (405) 755-7272 / Fax (405) 755-2058

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 230627
Account Number: A845
Date Received: 01/10/2014
Received By: Alex Raymond
Date Analyzed: 01/17/2014
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

Client: Enercon Services, Inc.
6525 N. Meridian, Suite 400
Oklahoma City, OK 73116

Project: Durant City Hall
Project Location: Durant, OK
Project Number: N/A

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	CH-01-01	Layered	Brown Insulation	Asbestos Present Chrysotile 3	Cellulose 95	Binder
001a		Layered	Gray Insulation	Asbestos Present Chrysotile 70	Cellulose 10	Binder
002	CH-01-02	Layered	** Insulation	**	Not Analyzed	
Positive Stop						
002a		Layered	** Insulation	**	Not Analyzed	
Positive Stop						
003	CH-01-03	Layered	** Insulation	**	Not Analyzed	
Positive Stop						
003a		Layered	** Insulation	**	Not Analyzed	
Positive Stop						
004	CH-02-01	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 75	Cellulose 10	Binder

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

QuanTEM is a NVLAP accredited PLM laboratory (Lab Code: 101959-0). This report relates only to the specific items tested. NVLAP accreditation applies only to analysis performed utilizing EPA/600/M4-82-020 and EPA/600/R-93/116 methods. This report may not be used to claim product endorsement by NVLAP or any agency of the US Government. This report may not be reproduced except in full, without the written approval of the laboratory.

2033 Heritage Park Drive / Oklahoma City, OK 73120 / (405) 755-7272 / Fax (405) 755-2058

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Client: Enercon Services, Inc.
6525 N. Meridian, Suite 400
Oklahoma City, OK 73116

Project: Durant City Hall
Project Location: Durant, OK
Project Number: N/A

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
005	CH-02-02	Homogeneous	** Insulation	**	Not Analyzed	
Positive Stop						
006	CH-02-03	Homogeneous	** Insulation	**	Not Analyzed	
Positive Stop						
007	CH-03-01	Homogeneous	White Insulation	Asbestos Present Chrysotile 15 Amosite 15	NA	Gypsum
008	CH-03-02	Homogeneous	** Insulation	**	Not Analyzed	
Positive Stop						
009	CH-03-03	Homogeneous	** Insulation	**	Not Analyzed	
Positive Stop						
010	CH-04-01	Homogeneous	White Insulation	Asbestos Present Chrysotile 15 Amosite 12	NA	Gypsum
011	CH-04-02	Homogeneous	** Insulation	**	Not Analyzed	

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

QuanTEM is a NVLAP accredited PLM laboratory (Lab Code: 101959-0). This report relates only to the specific items tested. NVLAP accreditation applies only to analysis performed utilizing EPA/600/M4-82-020 and EPA/600/R-93/116 methods. This report may not be used to claim product endorsement by NVLAP or any agency of the US Government. This report may not be reproduced except in full, without the written approval of the laboratory.

SCOPE OF WORK
NON-FRIABLE ASBESTOS ABATEMENT
CITY HALL
DURANT, OKLAHOMA

A. GENERAL: This project is for abatement of floor tile and adhesive in the City Hall, 300 W. Evergreen, Durant, Oklahoma in preparation for renovation of the building. The work involves non-friable asbestos abatement. The friable asbestos materials are addressed separately in a Project Design. The contractor performing this work shall be currently licensed by the Oklahoma Department of Labor (ODOL) as an asbestos abatement contractor. The area where the abatement is to be done is vacant and is to be renovated.

B. REGULATORY COMPLIANCE: The contractor shall comply with applicable federal and State regulations governing the abatement of non-friable asbestos.

C. ITEMS OF WORK:

1) Remove and dispose of approximately 70 SF of ACM floor tiles and adhesive, 25 SF of ACM adhesive beneath non-ACM floor tiles and 625 SF of ACM adhesive beneath carpeting in rooms on the first floor of the building.
2) Dispose of the floor tiles/carpet and adhesive as asbestos waste and provide copies of waste disposal manifests signed by the receiving landfill.

D. CONDITIONS OF WORK:

1) The work is in preparation for renovation of the building.
2) The work is to be scheduled by the Abatement Contractor in coordination with the Owner.
3) This project will not require a NESHAP notification as this material is not regulated.
4) Power is available in the building and water is available in the restrooms.
5) The Abatement Contractor will not have access to areas of the building not required to accomplish the planned abatement.
6) The contractor shall provide a valid Negative Exposure Assessment (NEA) to the Owner prior to commencement of removal of the floor tiles/carpet and adhesive. If a valid NEA is not available, personal air monitoring during removal of floor tiles/adhesive will be required to be performed by the Owner to document potential personnel exposures during removal. The establishment of an NEA shall be at the contractor's expense and will involve a minimum of one full work shift of personal air monitoring.
7) During use of non-toxic mastic remover, the area will be adequately sealed from the areas outside the area of work using critical barriers and an AFD set inside the work area to exhaust fumes from the mastic remover to minimize impact on building occupants.
8) Building security will be maintained by the City. The Contractor will ensure that the doors to the work area are secured when departing the work area.

E. ABATEMENT CONTRACTOR TO PROVIDE: The Abatement Contractor shall provide all labor, equipment, supplies, materials, waste transportation and disposal, etc. for the stated price for the work described herein. The contractor shall have determined the difficulties in prosecuting the work by a site visit and shall have taken these into consideration in the preparation of his bid. The Abatement Contractor will be responsible for safeguarding his equipment, supplies and any other items he has

brought to the site. The Contractor will have the use of designated restrooms in the building for use by his workers. The restrooms shall be maintained in a tidy condition insofar as it relates to use by contractor personnel.

F. OWNER TO PROVIDE: The Owner will provide the following in a timely manner in support of the Work:

1) Electricity, water and wastewater disposal from existing available outlets.
2) Access to the building and work area.
3) Access to the restrooms for use by workers.

G. PERFORMANCE PERIOD: The work schedule for the abatement will be as stated in the contract documents.

H. WASTE DISPOSAL: Disposal of all asbestos waste shall be the responsibility of the Contractor. Proper disposal of asbestos-contaminated waste shall be accomplished at an EPA-approved disposal site and a legible copy of the waste manifests/chains of custody signed by the receiving landfill are to be provided to the Owner within 20 calendar days following completion of the work. Payment to the contractor will be contingent upon the Owner receiving these documents in legible form.

I. INSURANCE: As stated in the contract documents.

J. BONDS: As stated in the contract documents.

K. INVOICING: As stated in the contract documents.

Attachments
Floor Tile/Carpet/Adhesive Removal Layout

City Hall Building
300 West Evergreen
Durant, Ok. 74702

Legend:

- Floor Tile and Mastic @ 70-SF
- Mastic under Carpet and Tile @ 625-SF
- Mastic under Tile @ 25-SF

ENERCON

First Floor
Floor tile and Mastic Locations

EPA NOTIFICATION OF DEMOLITION OR RENOVATION

RECEIVED
FEB 17 2016
(2-16-16)
AIR QUALITY

OFFICE USE ONLY: DATE RECEIVED: _____ *JOB / PERMIT / ID NUMBER* 013-B6001.001

****

I. FACILITY INFORMATION:

OWNER: City of Durant PHONE NUMBER: (580) 916-8375

STREET ADDRESS: 300 West Evergreen CITY: Durant STATE: OK ZIP : 74701

FACILITY REPRESENTATIVE: Jerry PHONE: (580) 916-8375

ASBESTOS ABATEMENT CONTRACTOR. TEC-AN, Inc.

STREET ADDRESS: 2517 S. Purdue CITY: Oklahoma City STATE: Oklahoma ZIP: 73128

REPRESENTATIVE: Donald J. Nist PHONE: (405) 681-7076

PAGER: ( ) NA MOBILE PHONE: (405) 740-7167

AIR MONITORING FIRM OR OTHER OPERATOR: Enercon Services

STREET ADDRESS: 1601 NW Expressway #1000 City: Oklahoma City STATE: OK ZIP: 73118

REPRESENTATIVE: Ed Pack PHONE: (405) 722-7693

II. TYPE OF NOTIFICATION: (**O** = ORIGINAL) OR (**R** = REVISED) O

III. TYPE OF OPERATION: (**D** = DEMOLITION) (**R** = RENOVATION) (**ER** = EMERGENCY RENOVATION): R

IV. IS ASBESTOS CONTAINING MATERIAL (ACM) PRESENT ? YES X **NO** _____ **DON'T KNOW:** _____

V. FACILITY / BUILDING DESCRIPTION (BE SPECIFIC AND DETAILED AS TO NAME, # FLOORS, EXACT ACM LOCATION, ROOM NUMBERS, ETC.)

FACILITY: Durant City Hall ADDRESS: 300 W. Evergreen

CITY: Durant STATE: OK ZIP CODE: 74701 COUNTY: Bryan

WHERE IS ACM LOCATED? Floor Tile and Mastic, Pipe TSI Fittings,

BUILDING SIZE: SQ. FT.: 35,000 AGE: 60 YRS. # FLOORS: 2 + basement

PRESENT USE: Durant City Hall PREVIOUS USE: Durant City Hall

VI. PROCEDURES USED TO DETERMINE PRESENCE OF ACM INCLUDING ANALYTICAL METHODS :

Bulk sampling utilizing OSHA protocol and PLM analysis

NAME OF EPA ACCREDITED INSPECTOR WHO PERFORMED INSPECTION AND SAMPLING INCLUDING AFFILIATION AND OKLAHOMA DOL LICENSE NUMBER:

Susan Thompson #13726

EPA NOTIFICATION OF DEMOLITION OR RENOVATION CONTINUED

VII. AMOUNTS OF REGULATED ASBESTOS CONTAINING MATERIAL (RACM) TO BE REMOVED; ALSO AMOUNTS OF CATEGORY I OR II MATERIALS WHICH WILL / WILL NOT BE REMOVED (circle one):

TSI Material – linear feet : 1115 Fittings **Surfacing Material: Square Feet:**____

CATEGORY I 40 - SQ. FT. ; **CATEGORY II** – _____.

VIII. SCHEDULED DATES OF ASBESTOS REMOVAL: **START:** March 7, 2016 FINISH: April 15,2016

IX. SCHEDULED DATES OF DEMO / RENO: START: March 2016 FINISH April 2016

X. DESCRIPTION OF THE PLANNED ASBESTOS REMOVAL TECHNIQUES TO BE EMPLOYED (e.g. gross removal , glove bagging, manual scrape, etc.)

, Glove bagging for TSI, Manual Scrape for Floor Tile and Mastic

XI. DESCRIPTION OF THE CONTROLS AND WORK PRACTICES TO BE USED TO PREVENT ASBESTOS FIBER EMISSIONS (e.g. full containment with negative pressure, adequate wetting):

Decontamination unit, Glovebags , critical barriers, HEPA Filtration, wet removal

XII. LICENSED ASBESTOS WASTE TRANSPORTER: TEC-AN, Inc.

ADDRESS: 2517 S. Purdue Ave. CITY; Okla. City STATE: OK ZIP: 73128

REPRESENTATIVE: Donald J. Nist PHONE: (405) 681-7076

XIII. STATE PERMITTED ASBESTOS WASTE DISPOSAL SITE: Waste Connections

ADDRESS: 7600 SW 15th Street CITY: Oklahoma City STATE: OK ZIP: 73128

REPRESENTATIVE: Bryan PHONE: (405) 745-3002

XIV. IS DEMOLITION IS ORDERED BY A GOVERNMENT AGENCY? **YES:** _____ NO: X

NAME OF AGENCY: _____ REPRESENTATIVE: _____

DATE OF ORDER: _____ DATE DEMOLITION IS TO START: _____

XV. IS THIS RENOVATION REQUIRED DUE TO AN EMERGENCY? **YES:** _____ NO: X

DATE OF EMERGENCY: _____ HOUR OF DAY EMERGENCY OCCURRED: _____

DESCRIPTION OF THE SUDDEN, UNEXPECTED EVENT CAUSING THE EMERGENCY: NA

EXPLANATION OF HOW THIS CAUSED 1) UNSAFE CONDITIONS; 2) SERIOUS DISRUPTION OF NORMAL BUILDING OPERATIONS; AND/OR 3) IMPOSES AN UNREASONABLE FINANCIAL BURDEN? (be specific and detailed):

NA

EPA NOTIFICATION OF DEMOLITION OR RENOVATION CONTINUED

XVI. DESCRIPTION OF PROCEDURES TO BE FOLLOWED IN THE EVENT THAT UNEXPECTED ASBESTOS IS FOUND OR PREVIOUSLY NON-FRIABLE ASBESTOS BECOMES FRIABLE (crumbled, pulverized, abraided, or reduced to powder, etc.):

Stop work, sample/analyze material using PLM, revise notification , and utilize approved removal techniques.

****

XVII. I CERTIFY THAT AN INDIVIDUAL TRAINED IN THE PROVISIONS OF THIS REGULATION (40 CFR , PART 61, SUBPART M - NESHAP) WILL BE ON SITE DURING THE DEMOLITION OR RENOVATION AND EVIDENCE OF HIS/HER TRAINING AND CERTIFICATION / LICENSING WILL BE AVAILABLE (OR BE POSTED) FOR INSPECTION DURING BUSINESS HOURS:

SIGNATURE OF OWNER / OPERATOR: _____ **DATE:** February 15, 2016

PRINTED NAME: Donald J. Nist

****

XVIII. I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT TO THE BEST OF MY KNOWLEDGE:

SIGNATURE OF OWNER / OPERATOR: _____ **DATE:** February 15, 2016

PRINTED NAME: Donald J. Nist

****

DEFINITION: OWNER OR OPERATOR: Any person who owns, leases, operates, controls, or supervises the facility being demolished or renovated or any person who owns, leases, operates, controls, or supervises the demolition or renovation, or both.

****

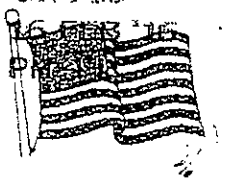
ADDITIONAL COMMENTS: Floor Tile work done 1st

EPA NESHAP AUTHORITY: **OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY**
Air Quality Div., 707 N. Robinson, P.O. Box 1677
OKC, OK 73101-1677 ***or***
Tulsa Regional Office, 5051 S. 129th E. Ave., Tulsa, OK 74134-2842

NOTE: Please submit your Notification to the DEQ office closer to your job site.

Tec-Am, Inc.
2517 S. Purdue
Oklahoma City, OK 73128

OKLAHOMA CITY
OK 730



UNITED STATES POSTAGE
PITNEY BOWES
$000.48[5]
02 4W
0000324855 FEB 16 2016
MAILED FROM ZIP CODE 73128

OK DEQ Air Quality Div
PO Box 1677
OKC, OK 73101-1677

RECEIVED
FEB 17 2016
AIR QUALITY

7310 1167 7777

Oklahoma Department of Labor
Mark Costello, Commissioner
www.labor.ok.gov

ENTERED

Oklahoma City
3017 North Stiles, Suite 100
Oklahoma City, OK. 73105
405-521-6464
888-269-5353
Fax 405-521-6025

Abatement Preparation Inspection Form

Abatement Project: Durant City Hall
Project No.: 14-7849
Project Address/Location: 300 W. Evergreen
Contractor: TEC-AN
Project Phone No.:
Project Owner: City of Durant

Date: 3 - 23 - 16 Time: 14 : 30
Phase: Preprep. Decon only
City: Durant Zip:
Contact Person: Kenneth Nubine
Contractor's Home/Office Phone No.:
Owner's Rep.:

A = Acceptable.
D = Denied; must be correct and re-inspected before asbestos removal is begun.
N/A = Not applicable to this project.

X = Deficiencies which must be corrected before asbestos removal begins. If the only deficiencies are the "X" type, after correction, asbestos abatement may begin.
** Beginning asbestos removal before the deficiencies are correct shall constitute a Serious Violation. **

	A	D	N/A	X
(1) Work site barriers and warning signs	✓			
(2) Toilet facilities provided	✓			
(3) Worker licenses	✓			
(4) Emergency telephone #'s	✓			
(5) OSHA forms, poster (min. wage, workers comp, equal opportunity)	✓			
(6) Air mon., results from prior phases, if applicable			✓	
(7) Respirator program and project design on-site	✓			
(8) Respirator, ~~air system~~ and equipment manuals	✓			
(9) Compressor does not discharge oil			✓	
(10) CO monitor, high temp and low pressure alarm tested on-site			✓	
(11) Cascade system secure and certificate of air quality			✓	
(12) Automatic back-up air of proper quantity in full containers			✓	
(13) Bull hoses and respirators free of oil residue			✓	
(14) In-line pressure gauge at manifold			✓	
(15) NIOSH approved respirators, clean, parts in working order	✓			
(16) Electrical panel outside work area	✓			
(17) Temporary wiring installed by licensed electrician	✓			
LIC #: 2504				
(18) Temporary panel boards properly grounded	✓			
(19) Ground fault interruption provided from outside work area	✓			
(20) Live electrical requirement met				✓
(21) Extension cords in acceptable condition	✓			
(22) Equipment properly grounded	✓			
(23) Tension relief on electric cords	✓			
(24) De-con firmly constructed, opaque, with triple flaps	✓			
(25) De-con trailers properly grounded			✓	
(26) Storage lockers for workers and ODOL inspectors' street clothes	✓			
(27) Shower with hot water supply, stable nonskid surface, lights	✓			
(28) Shower drains, filter, proper water disposal	✓			
(29) Soap from dispenser, and towels provided	✓			
(30) Hearing protection provided if required			✓	
(31) Hard hats provided, if required			✓	
(32) Appropriate footwear/safety shoes provided, if required	✓			
(33) Electrical system in abatement area locked out / tagged out				
(34) Ventilation serving or passing through the abatement area deactivated	✓			
(35) Critical barriers in place				
(36) Neg. air quantity and pressure drop, ~~confirmed on-site with recording~~ manometer. De-Con	✓			
(37) Neg. air machine(s) have properly installed filters, clean pre-filters	✓			
(38) Prep. work secure with negative air on.	✓			
(39) Make-up air sources provide adequate circulation and air cleaning	✓			
(40) Access controlled				✓
(41) Scaffolding over 10' high has 42" siderails and 4" toeboards			✓	
(42) Scaffolding from 4' to10' high, but less than 42" wide, has side rails			✓	
(43) Scaffolding with people working under has mesh or solid barrier on platform.			✓	
(44) Scaffolding floorboards in good condition and secured			✓	
(45) Aerial lifts have full-body harness with shock lanyards			✓	
(46) Ladders are non-conducting and stable	✓			
(47) Heat stress monitors in place			✓	
(48) HEPA vacuum is clean with filters properly installed	✓			
(49) Temporary lighting is adequate and and properly wired and grounded	✓			
(50) 10 # ABC fire extinguishers inspected	✓			
(51) Adequate escape routes are properly marked and illuminated with emergency lighting and battery back-up				
(52) Acceptable amended water sprayers and chemicals provided.	✓			
(53) Load-out sealed unless needed for make-up air	✓			
(54) Disposal bags and/or barrels provided and properly labeled	✓			
(55) Disposal vehicle properly lined	✓			
(56) Disposal vehicle properly tagged and marked	✓			
(57) Area monitoring locations identified	✓			

☐ # OF GLOVEBAGS ☐ # OF FULL CONTAINMENTS ☐ # OF MINI CONTAINMENTS

Recommendation & Remarks: (20) (33) Project designer will request live electric proceedure (35) (51) Preprep is to allow workers to enter crawl space & Tunnel to place critical barriers @ emergency exits and pre-clean only. ONLY glovebags are hung & pipe is wrapped call for Prep inspection

Orders:

Inspector's Signature

Kenneth Nubine
Contractor's or Representative's Signature

White Copy: ODOL Yellow Copy: Consultant Pink Copy: Contractor/Owner

Oklahoma Department of Labor
[redacted]
www.ok.gov/odol/

3017 North Stiles, Suite 100
Oklahoma City, OK 73105
405-521-6464 ▪ 888-269-5353
Fax: 405-521-6025

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Abatement Preparation Inspection Form

Abatement Project: City Hall Date: 4-12-16 Time: 11:00
Project No.: ~~16-8247~~ 14-7849 Phase:
Project Address/Location: 300 W. Evergreen City: Durant Zip:
Contractor: Tecan Contact Person: Kenneth Nubine

A = Acceptable
D = Denied; must be correct and re-inspected before asbestos removal is begun
N/A = Not applicable to this project

X = Deficiencies which must be corrected before asbestos removal begins. If the only deficiencies are the "X" type, after correction, asbestos abatement may begin.
Beginning asbestos removal before the deficiencies are correct shall constitute a Serious Violation.

	A	D	N/A	X
(1) Work site barriers and warning signs	☑	☐	☐	☐
(2) Toilet facilities provided	☑	☐	☐	☐
(3) Worker licenses	☑	☐	☐	☐
(4) Emergency telephone #s	☑	☐	☐	☐
(5) OSHA forms, poster (min. wage, workers comp, equal opportunity)	☑	☐	☐	☐
(6) Air mon., results from prior phases, if applicable	☑	☐	☐	☐
(7) Respirator program and and project design on-site	☑	☐	☐	☐
(8) Current Fit Test	☑	☐	☐	☐
(9) NIOSH approved respirators, clean, parts in working order	☑	☐	☐	☐
(10) Electrical panel outside work area	☐	☐	☑	☐
(11) Electrical system in abatement area locked out/ tagged out	☐	☐	☑	☐
(12) Temporary wiring installed by licensed electrician	☐	☐	☑	☐
LIC #:				
(13) Temporary panel boards properly grounded	☐	☐	☑	☐
(14) Ground fault interruption provided from outside work area	☑	☐	☐	☐
(15) Live electrical requirement met	☑	☐	☐	☐
(16) Extension cords in acceptable condition	☑	☐	☐	☐
(17) Equipment properly grounded	☑	☐	☐	☐
(18) De-con firmly constructed, opaque, with triple flaps	☑	☐	☐	☐
(19) Storage lockers for workers and ODOL inspectors' street clothes	☑	☐	☐	☐
(20) Shower with hot water supply, stable nonskid surface, lights	☑	☐	☐	☐
(21) Shower drains, filter, proper water disposal	☑	☐	☐	☐
(22) Soap from dispenser, and towels provided	☑	☐	☐	☐
(23) Hearing protection provided if required	☐	☐	☑	☐
(24) Hard hats provided, if required	☐	☐	☑	☐
(25) Appropriate footwear/safety shoes provided, if required	☐	☐	☑	☐
(26) Ventilation serving or passing through the abatement area deactivated	☑	☐	☐	☐
(27) Critical barriers in place	☑	☐	☐	☐
(28) Neg. air quantity and pressure drop, confirmed on-site with recording manometer	☐	☐	☑	☐
(29) Neg. air machine(s) have properly installed filters, clean pre-filters	☑	☐	☐	☐
(30) Prep. work secure with negative air on	☑	☐	☐	☐
(31) Make-up air sources provide adequate circulation and air cleaning	☑	☐	☐	☐
(32) Access controlled	☑	☐	☐	☐
(33) Scaffolding over 10' high has 42" side rails and 4" toe boards	☐	☐	☑	☐
(34) Scaffolding from 4' to 10' high, but less than 42" wide, has side rails	☐	☐	☐	☑
(35) Scaffolding with people working under has mesh or solid barrier on platform	☐	☐	☑	☐
(36) Scaffolding floorboards in good condition and secured	☐	☐	☑	☐
(37) Aerial lifts have full-body harness with shock lanyards	☐	☐	☑	☐
(38) Ladders are non-conducting and stable	☐	☐	☑	☐
(39) Heat stress monitors in place	☐	☐	☑	☐
(40) HEPA vacuum is clean with filters properly installed	☑	☐	☐	☐
(41) Temporary lighting is adequate and properly wired and grounded	☑	☐	☐	☐
(42) 10 # ABC fire extinguishers inspected	☑	☐	☐	☐
(43) Adequate escape routes are properly marked and illuminated with emergency lighting and battery back-up	☑	☐	☐	☐
(44) Acceptable amended water sprayers and chemicals provided	☑	☐	☐	☐
(45) Load-out sealed unless needed for make-up air	☑	☐	☐	☐
(46) Disposal bags and/or barrels provided and properly labelled	☑	☐	☐	☐
(47) Disposal vehicle properly lined	☑	☐	☐	☐
(48) Area monitoring locations identified	☑	☐	☐	☐
(49) Other	☐	☐	☐	☐

360 # OF GLOVEBAGS | # OF FULL CONTAINMENTS | 1 # OF MINI CONTAINMENTS

Recommendations & Remarks: glovebag - wrapped pipe will be cut and removed

Contractor will be working at night from 5:00pm → 3:00am

Orders:

☐ Imminent Danger

Keith A. Hunt
Inspector's Signature

Kenneth Nubine
Contractor's or Representative's Signature

White Copy: ODOL Yellow Copy: Consultant Pink Copy: Contractor/Owner

Oklahoma Department of Labor

[redacted]

Asbestos Division

3017 North Stiles, Suite 100
Oklahoma City, OK 73105
(405-521-6464) FAX (405-521-6025)

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Visual/Final Inspection Form

DOL Project #:	14-7849	4	22	16	1200
Facility:	Durant City Hall	Month	Day	Year	Time
Contractor #:	110157	County #:	07	FY #:	2016
Address/Location:	300 W. Evergreen	Address City:	Durant		
Owner/Occupant:	Durant City Hall	Contractor:	TecAm		
Contact Name:		Contractor's Rep.:	Kenneth Nubine		
Facility Phone #:	(580) 916-8375	Contractor's Phone #:	(405) 795-9542		

1. Description of Area: (2) Crawl spaces and (1) tunnel requiring the wrap and cut of abandoned steam line (along with dirt floor debris clean-up 4 ft each side of glovebag/wrap cut and glovebagging of TSI from domestic water lines.

2. Areas requiring further cleaning: At this time there is no further cleaning. If soil samples are above acceptable levels then contractor must re-mobilize and complete floor clean-up.

3. Air Counts (PCM/TEM) On-Site?: Yes. All clearance air samples are acceptable. Soil sample results are unavailable at this time.

4. DOL Recommendations: Remove all poly and tape and dispose of as ACM.

5. Will a FINAL inspection be required?: Final will be acceptable when soil samples are analyzed and are clean.

6. Notes: Visual Accepted; Final will be accepted with receipt of approved soil samples.

7. Note any violations cited: 380:50-

8. Contractor's Comments:

Chuck Boswell
Inspector's Signature

Kenneth Nubine
Contractor's Signature

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Project: Durant Court House - Glove bag removal / PPE - FFAPR/Tyvek

Pump Number	Sample Number	Date Sampled	Time 1 On-Off	Time 2 On-Off	Collection Information	T Y P	Cass. Dia = 25 mm Pers Exp.	Flow Rate (L/M) Pre	Post	Avg.	PF = 100 Fiber Count	Field Count	Field of View = 0.00785 Ttl. Time (Min.)	Volume (Liters)	Fiber Density	Fibers Per CC	Fibers Per CC	Pg. 1 Det. Limit	OF 1 LCL	UCL
-	1	3/28/16 -	- -	- -	BLANK	B		0	0	0.00	0.0	100	0	0.0	0.000	NA	NA	NA	NA	NA
-	2	3/28/16 -	- -	- -	BLANK	B		0	0	0.00	0.0	100	0	0.0	0.000	NA	NA	NA	NA	NA
470	3	3/28/16 -	5:22 PM 10:32 PM		Ronnie Coleman Jr DOL #401352 Removing loose debris / glove bag	P	<0.01	2.00	1.90	1.95	5.0	100	310	604.5	6.369	0.004057 BDL	BDL	0.006	0.003	0.006
506	4	3/28/16 -	5:20 PM 10:30 PM		Calvin Wright DOL #401602 Removing loose debris / glove bag	P	<0.01	2.00	2.00	2.00	10.5	100	310	620.0	13.376	0.0083	0.008	0.006	0.005	0.011
665	5	3/28/16 -	5:24 PM 10:30 PM	- -	INSIDE AREA - south wall by breaker box Removing loose debris / glove bag	A		2.50	2.10	2.30	3.0	100	306	703.8	3.822	0.0021 BDL	BDL	0.005	0.001	0.005
655	6	3/28/16 -	5:18 PM 10:24 PM	- -	INSIDE AREA - West crawl space Removing loose debris / glove bag	A		2.50	2.20	2.35	16.0	100	306	719.1	20.382	0.0109	0.011	0.005	0.007	0.015
517	7	3/28/16 -	5:12 PM 10:26 PM	- -	INSIDE AREA - East crawl space Removing loose debris / glove bag	A		2.50	1.90	2.20	17.0	100	314	690.8	21.656	0.0121	0.012	0.005	0.008	0.017
501	8	3/28/16 -	5:10 PM 10:35 PM	- -	OUTSIDE AREA - North stairwell Removing loose debris / glove bag	A		2.50	1.80	2.15	6.0	100	325	698.8	7.643	0.0042 BDL	BDL	0.005	0.003	0.005
		-		- -																

I hereby certify that the above samples were collected and analyzed in compliance with applicable standards and regulations.

AM Technician: Jason Wiley
Location: Durant Court House
Contractor: Tec An (Kenny Nubine)
Project Number:

ANALYST PARTICIPATING IN LAB AIHA-151368
NC = Not Counted. Reasons: 1. Overload; 2. Damaged Filter; 3. Pump Failure; 4. Missing Filter
Rotometer Number: LF-1
Calibration Date: 3/28/16

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Project: Durant Court House - Glove bag removal / PPE - FFAPR/Tyvek

Pump Number	Sample Number	Date Sampled	Time 1 On-Off	Time 2 On-Off	Collection Information	TYP	Pers Exp.	Flow Rate (L/M) Pre	Post	Avg.	Fiber Count	Field Count	Ttl. Time (Min.)	Volume (Liters)	Fiber Density	Fibers Per CC	Fibers Per CC	Det. Limit	LCL	UCL
						Cass. Dia = 25 mm					PF = 100		Field of View = 0.00785					Pg. 1	OF 1	
-	1	3/29/16 -	- -	- -	BLANK	B		0	0	0.00	0.0	100	0	0.0	0.000	NA	NA	NA	NA	NA
-	2	3/29/16 -	- -	- -	BLANK	B		0	0	0.00	0.0	100	0	0.0	0.000	NA	NA	NA	NA	NA
655	3	3/29/16 -	5:10 PM 10:10 PM		Ronnie Coleman Jr DOL #401352 Removing loose debris / glove bag	P	<0.01	2.00	2.00	2.00	6.0	100	300	600.0	7.643	0.004904 BDL	BDL	0.006	0.003	0.006
470	4	3/29/16 -	5:10 PM 10:12 PM		Jhon Banks DOL # Removing loose debris / glove bag	P	<0.01	2.00	1.90	1.95	11.0	100	302	588.9	14.013	0.0092	0.009	0.006	0.006	0.013
517	5	3/29/16 -	5:00 PM 10:05 PM	- -	INSIDE AREA - West crawl space Removing loose debris / glove bag	A		2.50	2.40	2.45	3.0	100	305	747.3	3.822	0.0020 BDL	BDL	0.005	0.001	0.005
506	6	3/29/16 -	5:05 PM 10:08 PM	- -	OUTSIDE AREA - Neg Air exhaust Removing loose debris / glove bag	A		2.50	2.50	2.50	8.0	100	303	757.5	10.191	0.0052	0.005	0.005	0.003	0.005
665	7	3/29/16 -	5:02 PM 10:00 PM	- -	INSIDE AREA - East crawl space Removing loose debris / glove bag	A		2.50	2.30	2.40	15.0	100	298	715.2	19.108	0.0103	0.010	0.005	0.006	0.014
501	8	3/29/16 -	5:06 PM 10:03 PM	- -	OUTSIDE AREA - North stairwell Removing loose debris / glove bag	A		2.50	2.40	2.45	3.0	100	297	727.7	3.822	0.0020 BDL	BDL	0.005	0.001	0.005
		-		- -																

I hereby certify that the above samples were collected and analyzed in compliance with applicable standards and regulations.

AM Technician: Jason Wiley
Location: Durant Court House
Contractor: Tec An (Kenny Nubine)
Project Number:

ANALYST PARTICIPATING IN LAB AIHA-151368
NC = Not Counted. Reasons: 1. Overload; 2. Damaged Filter; 3. Pump Failure; 4. Missing Filter
Rotometer Number: LF-1
Calibration Date: 3/28/16

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7/1/2010
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Pump Number	Sample Number	Date Sampled	Time 1 On-Off	Time 2 On-Off	Collection Information	TYP	Cass. Dia = 25 mm Pers Exp.	Flow Rate (L/M) Pre	Post	Avg.	PF = 100 Fiber Count	Field Count	Field of View = 0.00785 Ttl. Time (Min.)	Volume (Liters)	Fiber Density	Fibers Per CC	Fibers Per CC	Pg. 1 Det. Limit	OF 1 LCL	UCL
-	1	3/31/16 -	- -	- -	BLANK	B		0	0	0.00	0.0	100	0	0.0	0.000	NA	NA	NA	NA	NA
-	2	3/31/16 -	- -	- -	BLANK	B		0	0	0.00	0.0	100	0	0.0	0.000	NA	NA	NA	NA	NA
517	3	3/31/16 -	5:15 PM 2:10 AM		Ronnie Coleman Jr DOL #401352 Removing loose debris / glove bag	P	<0.01	3.00	2.60	2.80	15.0	100	535	1498.0	19.108	0.004911	0.005	0.002	0.003	0.007
501	4	3/31/16 -	5:15 PM 2:10 AM		Calvin Wright DOL #401602 Removing loose debris / glove bag	P	<0.01	3.00	2.90	2.95	8.0	100	535	1578.3	10.191	0.0025	0.002	0.002	0.002	0.002
506	5	3/31/16 -	5:17 PM 2:12 AM	- -	INSIDE AREA - West crawl space Removing loose debris / glove bag	A		3.00	2.90	2.95	12.0	100	535	1578.3	15.287	0.0037	0.004	0.002	0.002	0.005
655	6	3/31/16 -	5:18 PM 2:12 AM	- -	INSIDE AREA - East crawl space Removing loose debris / glove bag	A		3.00	3.00	3.00	11.0	100	534	1602.0	14.013	0.0034	0.003	0.002	0.002	0.005
665	7	3/31/16 -	5:20 PM 2:15 AM	- -	OUTSIDE AREA - Neg Air exhaust Removing loose debris / glove bag	A		3.00	2.50	2.75	19.0	100	535	1471.3	24.204	0.0063	0.006	0.002	0.004	0.009
470	8	3/31/16 -	5:20 PM 2:15 AM	- -	OUTSIDE AREA - North stairwell Removing loose debris / glove bag	A		3.00	3.00	3.00	11.0	100	535	1605.0	14.013	0.0034	0.003	0.002	0.002	0.005
		-		- -																

I hereby certify that the above samples were collected and analyzed in compliance with applicable standards and regulations.

AM Technician: Jason Wiley
Location: Durant Court House
Contractor: Tec An (Kenny Nubine)
Project Number:

ANALYST PARTICIPATING IN LAB AIHA-151368
NC = Not Counted. Reasons: 1. Overload; 2. Damaged Filter; 3. Pump Failure; 4. Missing Filter
Rotometer Number: LF-1
Calibration Date: 3/28/16

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Project: Durant Court House - Glove bag removal / PPE - FFAPR/Tyvek

Pump Number	Sample Number	Date Sampled	Time 1 On-Off	Time 2 On-Off	Collection Information	TYP	Pers Exp.	Flow Rate (L/M) Pre	Post	Avg.	Fiber Count	Field Count	Ttl. Time (Min.)	Volume (Liters)	Fiber Density	Fibers Per CC	Fibers Per CC	Det. Limit	LCL	UCL
							Cass. Dia =	25 mm			PF =	100	Field of View =		0.00785		Pg.	1	OF	1
-	1	4/4/16 -	- -	- -	BLANK	B		0	0	0.00	0.0	100	0	0.0	0.000	NA	NA	NA	NA	NA
-	2	4/4/16 -	- -	- -	BLANK	B		0	0	0.00	0.0	100	0	0.0	0.000	NA	NA	NA	NA	NA
517	3	4/4/16 -	2:20 PM 6:25 PM		INSIDE AREA - West crawl space Removing loose debris / glove bag	A		3.00	3.00	3.00	11.0	100	245	735.0	14.013	0.007340	0.007	0.005	0.005	0.010
501	4	4/4/16 -	2:25 PM 6:25 PM		INSIDE AREA - East crawl space Removing loose debris / glove bag	A		3.00	2.90	2.95	4.5	100	240	708.0	5.732	0.0031 BDL	BDL	0.005	0.002	0.005
506	5	4/4/16 -	2:27 PM 6:25 PM	- -	INSIDE AREA - South wall by breaker box Removing loose debris / glove bag	A		3.00	2.90	2.95	6.0	100	238	702.1	7.643	0.0042 BDL	BDL	0.005	0.003	0.005
655	6	4/4/16 -	2:30 PM 6:30 PM	- -	OUTSIDE AREA - Stairwell Removing loose debris / glove bag	A		3.00	3.00	3.00	15.0	100	240	720.0	19.108	0.0102	0.010	0.005	0.006	0.014
665	7	4/4/16 -	2:33 PM 6:30 PM	- -	Calvin Wright DOL #401602 Removing loose debris / glove bag	P	<0.01	3.00	2.90	2.95	6.0	100	237	699.2	7.643	0.0042 BDL	BDL	0.005	0.003	0.005
470	8	4/4/16 -	2:35 PM 6:35 PM	- -	Ronnie Coleman Jr DOL #401352 Removing loose debris / glove bag	P	<0.01	3.00	2.80	2.90	6.5	100	240	696.0	8.280	0.0046 BDL	BDL	0.005	0.003	0.005
		-		- -																

I hereby certify that the above samples were collected and analyzed in compliance with applicable standards and regulations.

AM Technician: Jason Wiley
Location: Durant Court House
Contractor: Tec An (Kenny Nubine)
Project Number:

ANALYST PARTICIPATING IN LAB AIHA-151368
NC = Not Counted. Reasons: 1. Overload; 2. Damaged Filter; 3. Pump Failure; 4. Missing Filter
Rotometer Number: LF-1
Calibration Date: 3/28/16

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Project: Durant Court House - Glove bag removal / PPE - FFAPR/Tyvek

Pump Number	Sample Number	Date Sampled	Time 1 On-Off	Time 2 On-Off	Collection Information	TYP	Cass. Dia = 25 mm Pers Exp.	Flow Rate (L/M) Pre	Post	Avg.	PF = 100 Fiber Count	Field Count	Field of View = 0.00785 Tll. Time (Min.)	Volume (Liters)	Fiber Density	Fibers Per CC	Fibers Per CC	Pg. 1 Det. Limit	OF 1 LCL	UCL
-	1	4/5/16 -	- -	- -	BLANK	B		0	0	0.00	0.0	100	0	0.0	0.000	NA	NA	NA	NA	NA
-	2	4/5/16 -	- -	- -	BLANK	B		0	0	0.00	0.0	100	0	0.0	0.000	NA	NA	NA	NA	NA
506	3	4/5/16 -	5:20 PM 3:20 AM		INSIDE AREA - West crawl space Removing loose debris / glove bag	A		3.00	3.00	3.00	9.5	100	600	1800.0	12.102	0.002588	0.003	0.002	0.002	0.002
655	4	4/5/16 -	5:30 PM 3:20 AM		INSIDE AREA - East crawl space Removing loose debris / glove bag	A		3.00	2.70	2.85	12.0	100	590	1681.5	15.287	0.0035	0.004	0.002	0.002	0.005
666	5	4/5/16 -	5:20 PM 3:25 AM	- -	OUTSIDE AREA - Load out Removing loose debris / glove bag	A		3.00	2.70	2.85	5.0	100	605	1724.3	6.369	0.0014 BDL	BDL	0.002	0.001	0.002
665	6	4/5/16 -	5:25 PM 3:30 AM	- -	OUTSIDE AREA - Neg Air Removing loose debris / glove bag	A		3.00	2.90	2.95	7.0	100	605	1784.8	8.917	0.0019	0.002	0.002	0.001	0.002
501	7	4/5/16 -	5:25 PM 3:30 AM	- -	Ronnie Coleman Jr DOL #401352 Removing loose debris / glove bag	P	<0.01	3.00	2.40	2.70	3.0	100	605	1633.5	3.822	0.0009 BDL	BDL	0.002	0.001	0.002
647	8	4/5/16 -	5:25 PM 3:25 AM	- -	Calvin Wright DOL #401602 Removing loose debris / glove bag	P	<0.01	3.00	3.00	3.00	3.0	100	600	1800.0	3.822	0.0008 BDL	BDL	0.002	0.001	0.002
		-		- -																

I hereby certify that the above samples were collected and analyzed in compliance with applicable standards and regulations.

AM Technician: Jason Wiley
Location: Durant Court House
Contractor: Tec An (Kenny Nubine)
Project Number:

ANALYST PARTICIPATING IN LAB AIHA-151368
NC = Not Counted. Reasons: 1. Overload; 2. Damaged Filter; 3. Pump Failure; 4. Missing Filter
Rotometer Number: LF-1
Calibration Date: 3/28/16

NIOSH 7400 METHOD 7/1/2010 REV 1

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Project: Durant Court House - Glove bag removal / PPE - FFAPR/Tyvek

Pump Number	Sample Number	Date Sampled	Time 1 On-Off	Time 2 On-Off	Collection Information	T Y P	Pers Exp.	Flow Rate (L/M) Pre	Post	Avg.	Fiber Count	Field Count	Ttl. Time (Min.)	Volume (Liters)	Fiber Density	Fibers Per CC	Fibers Per CC	Det. Limit	LCL	UCL
						Cass. Dia =		25 mm			PF =	100	Field of View =		0.00785		Pg.	1	OF	1
-	1	4/6/16 -	- -	- -	BLANK	B		0	0	0.00	0.0	100	0	0.0	0.000	NA	NA	NA	NA	NA
-	2	4/6/16 -	- -	- -	BLANK	B		0	0	0.00	0.0	100	0	0.0	0.000	NA	NA	NA	NA	NA
501	3	4/6/16 -	5:35 PM 3:15 AM		INSIDE AREA - East crawl space Removing loose debris / glove bag	A		3.00	2.70	2.85	12.0	100	580	1653.0	15.287	0.003560	0.004	0.002	0.002	0.005
666	4	4/6/16 -	5:35 PM 3:15 AM		INSIDE AREA - West crawl space Removing loose debris / glove bag	A		3.00	3.00	3.00	6.0	100	580	1740.0	7.643	0.0017	BDL	0.002	0.001	0.002
506	5	4/6/16 -	5:32 PM 3:20 AM	- -	OUTSIDE AREA - Neg Air Removing loose debris / glove bag	A		3.00	2.90	2.95	10.5	100	588	1734.6	13.376	0.0030	0.003	0.002	0.002	0.004
655	6	4/6/16 -	5:25 PM 3:10 AM	- -	OUTSIDE AREA - Load Out Removing loose debris / glove bag	A		3.00	2.80	2.90	2.0	100	585	1696.5	2.548	0.0006	BDL	0.002	0.000	0.002
665	7	4/6/16 -	5:30 PM 3:20 AM	- -	Personel Removing loose debris / glove bag	P	<0.01	3.00	3.00	3.00	7.0	100	590	1770.0	8.917	0.0019	0.002	0.002	0.001	0.002
470	8	4/6/16 -	5:30 PM 3:20 AM	- -	Personel Removing loose debris / glove bag	P	<0.01	3.00	2.70	2.85	8.0	100	590	1681.5	10.191	0.0023	0.002	0.002	0.001	0.002
		-		- -																

I hereby certify that the above samples were collected and analyzed in compliance with applicable standards and regulations.

AM Technician: Jason Wiley
Location: Durant Court House
Contractor: Tec An (Kenny Nubine)
Project Number:

ANALYST PARTICIPATING IN LAB AIHA-151368
NC = Not Counted. Reasons: 1. Overload; 2. Damaged Filter; 3. Pump Failure; 4. Missing Filter
Rotometer Number: LF-1
Calibration Date: 3/28/16

NIOSH 7400 METHOD 7/1/2010 REV 1

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Project: Durant Court House - Glove bag removal / PPE - FFAPR/Tyvek

Pump Number	Sample Number	Date Sampled	Time 1 On-Off	Time 2 On-Off	Collection Information	TYP	Cass. Dia = 25 mm Pers Exp.	Flow Rate (L/M) Pre	Post	Avg.	PF = 100 Fiber Count	Field Count	Field of View = 0.00785 Ttl. Time (Min.)	Volume (Liters)	Fiber Density	Fibers Per CC	Fibers Per CC	Pg. 1 Det. Limit	OF 1 LCL	UCL
-	1	4/7/16 -	- -	- -	BLANK	B		0	0	0.00	0.0	100	0	0.0	0.000	NA	NA	NA	NA	NA
-	2	4/7/16 -	- -	- -	BLANK	B		0	0	0.00	0.0	100	0	0.0	0.000	NA	NA	NA	NA	NA
501	3	4/7/16 -	4:55 PM 11:00 PM		INSIDE AREA - East crawl space Removing loose debris / glove bag	A		3.00	2.90	2.95	3.0	100	365	1076.8	3.822	0.001366 BDL	BDL	0.003	0.001	0.003
666	4	4/7/16 -	4:50 PM 11:05 PM		INSIDE AREA - West crawl space Removing loose debris / glove bag	A		3.00	2.90	2.95	4.5	100	375	1106.3	5.732	0.0020 BDL	BDL	0.003	0.001	0.003
647	5	4/7/16 -	4:50 PM 11:05 PM	- -	OUTSIDE AREA - Neg Air Removing loose debris / glove bag	A		3.00	3.00	3.00	4.0	100	375	1125.0	5.096	0.0017 BDL	BDL	0.003	0.001	0.003
470	6	4/7/16 -	4:52 PM 11:10 PM	- -	OUTSIDE AREA - Load Out Removing loose debris / glove bag	A		3.00	3.00	3.00	13.0	100	378	1134.0	16.561	0.0056	0.006	0.003	0.003	0.008
665	7	4/7/16 -	5:00 PM 11:00 PM	- -	Personel Removing loose debris / glove bag	P	<0.01	3.00	3.00	3.00	4.0	100	360	1080.0	5.096	0.0018 BDL	BDL	0.003	0.001	0.003
506	8	4/7/16 -	5:00 PM 11:00 PM	- -	Personel Removing loose debris / glove bag	P	<0.01	3.00	3.00	3.00	5.0	100	360	1080.0	6.369	0.0023 BDL	BDL	0.003	0.001	0.003
		-		- -																

I hereby certify that the above samples were collected and analyzed in compliance with applicable standards and regulations.

AM Technician: Jason Wiley
Location: Durant Court House
Contractor: Tec An (Kenny Nubine)
Project Number:

ANALYST PARTICIPATING IN LAB AIHA-151368
NC = Not Counted. Reasons: 1. Overload; 2. Damaged Filter; 3. Pump Failure; 4. Missing Filter
Rotometer Number: LF-1
Calibration Date: 3/28/16

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6525 N. Meridian, Suite 400
Oklahoma City, OK 73116
Phone: 405-722-7693
Fax: 405-722-7694
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Project: Durant Court House - Glove bag removal / PPE - FFAPR/Tyvek

Pump Number	Sample Number	Date Sampled	Time 1 On-Off	Time 2 On-Off	Collection Information	TYP	Pers Exp.	Flow Rate (L/M) Pre	Flow Rate (L/M) Post	Flow Rate (L/M) Avg.	Fiber Count	Field Count	Ttl. Time (Min.)	Volume (Liters)	Fiber Density	Fibers Per CC	Fibers Per CC	Det. Limit	LCL	UCL
					Cass. Dia = 25 mm			PF = 100			Field of View = 0.00785						Pg. 1		OF 1	
-	1	4/11/16 -	- -	- -	BLANK	B		0	0	0.00	0.0	100	0	0.0	0.000	NA	NA	NA	NA	NA
-	2	4/11/16 -	- -	- -	BLANK	B		0	0	0.00	0.0	100	0	0.0	0.000	NA	NA	NA	NA	NA
470	3	4/11/16 -	4:20 PM 12:45 AM		INSIDE AREA - Tunnel Removing loose debris / glove bag	A		3.00	2.80	2.90	10.0	100	505	1464.5	12.739	0.003349	0.003	0.002	0.002	0.005
647	4	4/11/16 -	4:20 PM 12:45 AM		INSIDE AREA - Tunnel Removing loose debris / glove bag	A		3.00	2.90	2.95	17.0	100	505	1489.8	21.656	0.0056	0.006	0.002	0.003	0.008
506	5	4/11/16 -	4:20 PM 12:45 AM	- -	INSIDE AREA - Tunnel Removing loose debris / glove bag	A		3.00	3.00	3.00	4.0	100	505	1515.0	5.096	0.0013 BDL	BDL	0.002	0.001	0.002
469	6	4/11/16 -	4:25 PM 12:50 AM	- -	INSIDE AREA - East Crawl Space Removing loose debris / glove bag	A		3.00	2.60	2.80	10.0	100	505	1414.0	12.739	0.0035	0.003	0.002	0.002	0.005
655	7	4/11/16 -	4:25 PM 12:50 AM	- -	INSIDE AREA - West Crawl Space Removing loose debris / glove bag	A		3.00	2.50	2.75	13.0	100	505	1388.8	16.561	0.0046	0.005	0.002	0.003	0.006
666	8	4/11/16 -	4:30 PM 12:52 AM	- -	OUTSIDE AREA - Neg Air Removing loose debris / glove bag	A		3.00	2.70	2.85	4.0	100	502	1430.7	5.096	0.0014 BDL	BDL	0.002	0.001	0.002
501	9	4/11/16 -	4:30 PM 12:52 AM	- -	OUTSIDE AREA - Load Out Removing loose debris / glove bag	A		3.00	2.90	2.95	4.0	100	502	1480.9	5.096	0.0013 BDL	BDL	0.002	0.001	0.002
665	10	4/11/16 -	4:30 PM 7:30 PM	8:25 PM 12:40 AM	Ronnie Coleman Jr DOL #401352 Removing loose debris / glove bag	P	<0.01	3.00	3.00	3.00	7.0	100	435	1305.0	8.917	0.0026	0.003	0.003	0.002	0.003
517	11	4/11/16 -	4:30 PM 7:30 PM	8:25 PM 12:40 AM	Calvin Wright DOL #401602 Removing loose debris / glove bag	P	<0.01	3.00	2.80	2.90	11.0	100	435	1261.5	14.013	0.0043	0.004	0.003	0.003	0.006
		-		- -																

I hereby certify that the above samples were collected and analyzed in compliance with applicable standards and regulations.

AM Technician: Jason Wiley
Location: Durant Court House
Contractor: Tec An (Kenny Nubine)
Project Number:

ANALYST PARTICIPATING IN LAB AIHA-151368
NC = Not Counted. Reasons: 1. Overload; 2. Damaged Filter; 3. Pump Failure; 4. Missing Filter
Rotometer Number: LF-1
Calibration Date: 3/28/16

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Project: Durant Court House - Glove bag removal / PPE - FFAPR/Tyvek

Pump Number	Sample Number	Date Sampled	Time 1 On-Off	Time 2 On-Off	Collection Information	T Y P	Pers Exp.	Flow Rate (L/M) Pre	Post	Avg.	Fiber Count	Field Count	Ttl. Time (Min.)	Volume (Liters)	Fiber Density	Fibers Per CC	Fibers Per CC	Det. Limit	LCL	UCL
						Cass. Dia =		25 mm			PF =	100	Field of View =		0.00785			Pg.	1	OF 1
-	1	4/12/16 -	- -	- -	BLANK	B		0	0	0.00	0.0	100	0	0.0	0.000	NA	NA	NA	NA	NA
-	2	4/12/16 -	- -	- -	BLANK	B		0	0	0.00	0.0	100	0	0.0	0.000	NA	NA	NA	NA	NA
666	3	4/12/16 -	5:02 PM 10:45 PM		INSIDE AREA - Tunnel Glove bag removal	A		3.00	3.00	3.00	NC	100	343	1029.0	NA	NA	NA	0.003	NA	NA
655	4	4/12/16 -	5:02 PM 10:45 PM		INSIDE AREA - East Crawl Space Glove bag removal	A		3.00	2.90	2.95	9.0	100	343	1011.9	11.465	0.0044	0.004	0.003	0.003	0.003
517	5	4/12/16 -	5:02 PM 10:45 PM	- -	INSIDE AREA - West Crawl Space Glove bag removal	A		3.00	2.90	2.95	5.0	100	343	1011.9	6.369	0.0024 BDL	BDL	0.003	0.002	0.003
501	6	4/12/16 -	5:05 PM 10:50 PM	- -	OUTSIDE AREA - Neg Air Glove bag removal	A		3.00	3.00	3.00	3.0	100	345	1035.0	3.822	0.0014 BDL	BDL	0.003	0.001	0.003
506	7	4/12/16 -	4:55 PM 10:40 PM	- -	OUTSIDE AREA - Load Out Glove bag removal	A		3.00	3.00	3.00	3.0	100	345	1035.0	3.822	0.0014 BDL	BDL	0.003	0.001	0.003
665	8	4/12/16 -	5:00 PM 10:50 PM	- -	Ronnie Coleman Jr DOL #401352 Glove bag removal	P	<0.01	3.00	3.00	3.00	6.0	100	350	1050.0	7.643	0.0028 BDL	BDL	0.003	0.002	0.003
647	9	4/12/16 -	5:00 PM 10:48 PM	- -	Calvin Wright DOL #401602 Glove bag removal	P	<0.01	3.00	2.90	2.95	5.0	100	348	1026.6	6.369	0.0024 BDL	BDL	0.003	0.001	0.003

I hereby certify that the above samples were collected and analyzed in compliance with applicable standards and regulations.

ANALYST PARTICIPATING IN LAB AIHA-151368
NC = Not Counted. Reasons: 1. Overload; 2. Damaged Filter; 3. Pump Failure; 4. Missing Filter
Rotometer Number: LF-1
Calibration Date: 3/28/16

NIOSH 7400 METHOD 7/1/2010 REV 1

AM Technician: Jason Wiley
Location: Durant Court House
Contractor: Tec An (Kenny Nubine)
Project Number:

Enercon Services, Inc.
6525 N. Meridian, Suite 400
Oklahoma City, OK 73116
Phone: 405-722-7693
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Project: Durant Court House - Glove bag removal / PPE - FFAPR/Tyvek

Pump Number	Sample Number	Date Sampled	Time 1 On-Off	Time 2 On-Off	Collection Information	TYP	Pers Exp.	Flow Rate (L/M) Pre	Post	Avg.	Fiber Count	Field Count	Ttl. Time (Min.)	Volume (Liters)	Fiber Density	Fibers Per CC	Fibers Per CC	Det. Limit	LCL	UCL
							Cass. Dia =	25 mm			PF =	100	Field of View =	0.00785				Pg.	1	OF 1
-	1	4/13/16 -	- -	- -	BLANK	B		0	0	0.00	0.0	100	0	0.0	0.000	NA	NA	NA	NA	NA
-	2	4/13/16 -	- -	- -	BLANK	B		0	0	0.00	0.0	100	0	0.0	0.000	NA	NA	NA	NA	NA
666	3	4/13/16 -	5:10 PM 2:45 AM		INSIDE AREA - Tunnel Glove bag removal	A		3.00	3.00	3.00	29.0	100	575	1725.0	36.943	0.008245	0.008	0.002	0.005	0.011
655	4	4/13/16 -	5:10 PM 2:45 AM		INSIDE AREA - East Crawl Space Glove bag removal	A		3.00	2.90	2.95	39.0	100	575	1696.3	49.682	0.0113	0.011	0.002	0.007	0.016
517	5	4/13/16 -	5:10 PM 2:45 AM	- -	INSIDE AREA - West Crawl Space Glove bag removal	A		3.00	2.90	2.95	44.0	100	575	1696.3	56.051	0.0127	0.013	0.002	0.008	0.018
501	6	4/13/16 -	5:05 PM 2:50 AM	- -	OUTSIDE AREA - Neg Air Glove bag removal	A		3.00	3.00	3.00	6.0	100	585	1755.0	7.643	0.0017 BDL	BDL	0.002	0.001	0.002
506	7	4/13/16 -	5:00 PM 10:30 PM	11:30 PM 3:00 AM	Brandon Coursey DOL# 401148 Glove bag removal	P	<0.01	3.00	3.00	3.00	35.0	100	540	1620.0	44.586	0.0106	0.011	0.002	0.007	0.015
665	8	4/13/16 -	5:00 PM 10:30 PM	11:30 PM 3:00 AM	Leonard Johnson DOL# 401614 Glove bag removal	P	<0.01	3.00	3.00	3.00	36.0	100	540	1620.0	45.860	0.0109	0.011	0.002	0.007	0.015
647	9	4/13/16 -	5:00 PM 3:00 AM	- -	OUTSIDE AREA - Load Out Glove bag removal	A		3.00	2.90	2.95	5.0	100	600	1770.0	6.369	0.0014 BDL	BDL	0.002	0.001	0.002

I hereby certify that the above samples were collected and analyzed in compliance with applicable standards and regulations.

AM Technician: Jason Wiley
Location: Durant Court House
Contractor: Tec An (Kenny Nubine)
Project Number:

ANALYST PARTICIPATING IN LAB AIHA-151368
NC = Not Counted. Reasons: 1. Overload; 2. Damaged Filter; 3. Pump Failure; 4. Missing Filter
Rotometer Number: LF-1
Calibration Date: 3/28/16

NIOSH 7400 METHOD 7/1/2010 REV 1

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Fax: 405-722-7694
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Project: Durant Court House - Glove bag removal / PPE - FFAPR/Tyvek

Pump Number	Sample Number	Date Sampled	Time 1 On-Off	Time 2 On-Off	Collection Information	TYP	Cass. Dia = 25 mm Pers Exp.	Flow Rate (L/M) Pre	Post	Avg.	PF = 100 Fiber Count	Field Count	Field of View = 0.00785 Ttl. Time (Min.)	Volume (Liters)	Fiber Density	Fibers Per CC	Fibers Per CC	Pg. 1 Det. Limit	OF LCL	1 UCL
-	1	4/14/16 -	- -	- -	BLANK	B		0	0	0.00	0.0	100	0	0.0	0.000	NA	NA	NA	NA	NA
-	2	4/14/16 -	- -	- -	BLANK	B		0	0	0.00	0.0	100	0	0.0	0.000	NA	NA	NA	NA	NA
655	3	4/14/16 -	5:20 PM 3:05 AM		INSIDE AREA - Tunnel Glove bag removal	A		3.00	2.90	2.95	17.0	100	585	1725.8	21.656	0.004831	0.005	0.002	0.003	0.007
517	4	4/14/16 -	5:25 PM 3:05 AM		INSIDE AREA - East Crawl Space Glove bag removal	A		3.00	3.00	3.00	8.0	100	580	1740.0	10.191	0.0023	0.002	0.002	0.001	0.002
469	5	4/14/16 -	5:25 PM 3:05 AM	- -	INSIDE AREA - West Crawl Space Glove bag removal	A		3.00	3.00	3.00	22.0	100	580	1740.0	28.025	0.0062	0.006	0.002	0.004	0.009
665	6	4/14/16 -	5:25 PM 3:10 AM	- -	OUTSIDE AREA - Neg Air Glove bag removal	A		3.00	2.80	2.90	10.0	100	585	1696.5	12.739	0.0029	0.003	0.002	0.002	0.004
666	7	4/14/16 -	5:15 PM 10:30 PM	11:30 PM 3:00 AM	Brandon Coursey DOL# 401148 Glove bag removal	P	<0.01	3.00	2.80	2.90	17.0	100	525	1522.5	21.656	0.0055	0.005	0.002	0.003	0.008
501	8	4/14/16 -	5:15 PM 10:30 PM	11:30 PM 3:00 AM	Leonard Johnson DOL# 401614 Glove bag removal	P	<0.01	3.00	2.90	2.95	24.0	100	525	1548.8	30.573	0.0076	0.008	0.002	0.005	0.010
470	9	4/14/16 -	5:15 PM 3:00 AM	- -	OUTSIDE AREA - Load Out Glove bag removal	A		3.00	3.00	3.00	5.0	100	585	1755.0	6.369	0.0014 BDL	BDL	0.002	0.001	0.002

I hereby certify that the above samples were collected and analyzed in compliance with applicable standards and regulations.

AM Technician: Jason Wiley
Location: Durant Court House
Contractor: Tec An (Kenny Nubine)
Project Number:

ANALYST PARTICIPATING IN LAB AIHA-151368
NC = Not Counted. Reasons: 1. Overload; 2. Damaged Filter; 3. Pump Failure; 4. Missing Filter
Rotometer Number: LF-1
Calibration Date: 3/28/16

NIOSH 7400 METHOD 7/1/2010 REV 1

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Project: Durant Court House - Glove bag removal / PPE - FFAPR/Tyvek

Pump Number	Sample Number	Date Sampled	Time 1 On-Off	Time 2 On-Off	Collection Information	TYP	Pers Exp.	Flow Rate (L/M) Pre	Post	Avg.	Fiber Count	Field Count	Tll. Time (Min.)	Volume (Liters)	Fiber Density	Fibers Per CC	Fibers Per CC	Det. Limit	LCL	UCL
						Cass. Dia =		25 mm			PF =	100	Field of View =		0.00785			Pg. 1	OF 1	
-	1	4/18/16 -	- -	- -	BLANK	B		0	0	0.00	0.0	100	0	0.0	0.000	NA	NA	NA	NA	NA
-	2	4/18/16 -	- -	- -	BLANK	B		0	0	0.00	0.0	100	0	0.0	0.000	NA	NA	NA	NA	NA
517	3	4/18/16 -	6:25 PM 10:25 PM		INSIDE AREA - Tunnel Glove bag removal	A		3.00	3.00	3.00	6.0	100	240	720.0	7.643	0.004087 BDL	BDL	0.005	0.003	0.005
666	4	4/18/16 -	6:25 PM 10:25 PM		INSIDE AREA - West Crawl Space Glove bag removal	A		3.00	3.00	3.00	2.0	100	240	720.0	2.548	0.0014 BDL	BDL	0.005	0.001	0.005
665	5	4/18/16 -	6:25 PM 10:25 PM	- -	INSIDE AREA - East Crawl Space Glove bag removal	A		3.00	3.00	3.00	8.0	100	240	720.0	10.191	0.0054	0.005	0.005	0.003	0.005
470	6	4/18/16 -	6:20 PM 10:30 PM	- -	OUTSIDE AREA - Neg Air Glove bag removal	A		3.00	3.00	3.00	4.0	100	250	750.0	5.096	0.0026 BDL	BDL	0.005	0.002	0.005
647	7	4/18/16 -	6:15 PM 10:30 PM		John Banks DOL# 400392 Glove bag removal	P	<0.01	3.00	3.00	3.00	8.0	100	255	765.0	10.191	0.0051	0.005	0.004	0.003	0.004
465	8	4/18/16 -	6:15 PM 10:30 PM		Ronnie Coleman DOL# 401352 Glove bag removal	P	<0.01	3.00	3.00	3.00	9.0	100	255	765.0	11.465	0.0058	0.006	0.004	0.004	0.004
506	9	4/18/16 -	6:15 PM 10:35 PM	- -	OUTSIDE AREA - Load Out Glove bag removal	A		3.00	3.00	3.00	1.0	100	260	780.0	1.274	0.0006 BDL	BDL	0.004	0.000	0.004

I hereby certify that the above samples were collected and analyzed in compliance with applicable standards and regulations.

AM Technician: Jason Wiley
Location: Durant Court House
Contractor: Tec An (Kenny Nubine)
Project Number:

ANALYST PARTICIPATING IN LAB AIHA-151368
NC = Not Counted. Reasons: 1. Overload; 2. Damaged Filter; 3. Pump Failure; 4. Missing Filter
Rotometer Number: LF-1
Calibration Date: 3/28/16

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Project: Durant Court House - Glove bag removal / PPE - FFAPR/Tyvek

Pump Number	Sample Number	Date Sampled	Time 1 On-Off	Time 2 On-Off	Collection Information	T Y P	Cass. Dia = 25 mm Pers Exp.	Flow Rate (L/M) Pre	Post	Avg.	PF = 100 Fiber Count	Field Count	Field of View = 0.00785 Ttl. Time (Min.)	Volume (Liters)	Fiber Density	Fibers Per CC	Fibers Per CC	Pg. 1 Det. Limit	OF LCL	1 UCL
-	1	4/19/16 -	- -	- -	BLANK	B		0	0	0.00	0.0	100	0	0.0	0.000	NA	NA	NA	NA	NA
-	2	4/19/16 -	- -	- -	BLANK	B		0	0	0.00	0.0	100	0	0.0	0.000	NA	NA	NA	NA	NA
517	3	4/19/16 -	5:00 PM 1:45 AM		INSIDE AREA - Tunnel Glove bag removal	A		3.00	3.00	3.00	5.0	100	525	1575.0	6.369	0.001557 BDL	BDL	0.002	0.001	0.002
506	4	4/19/16 -	5:00 PM 1:45 AM		INSIDE AREA - West Crawl Space Glove bag removal	A		3.00	3.00	3.00	7.0	100	525	1575.0	8.917	0.0022	0.002	0.002	0.001	0.002
665	5	4/19/16 -	5:00 PM 1:45 AM	- -	INSIDE AREA - East Crawl Space Glove bag removal	A		3.00	3.00	3.00	9.0	100	525	1575.0	11.465	0.0028	0.003	0.002	0.002	0.002
647	6	4/19/16 -	5:05 PM 1:50 AM	- -	OUTSIDE AREA - Neg Air Glove bag removal	A		3.00	2.90	2.95	4.0	100	525	1548.8	5.096	0.0013 BDL	BDL	0.002	0.001	0.002
470	7	4/19/16 -	4:55 PM 9:30 PM	10:20 PM 1:40 AM	John Banks DOL# 400392 Glove bag removal	P	<0.01	3.00	2.90	2.95	2.0	100	475	1401.3	2.548	0.0007 BDL	BDL	0.002	0.000	0.002
465	8	4/19/16 -	4:55 PM 9:30 PM	10:20 PM 1:40 AM	Brandon Coursey DOL# 401148 Glove bag removal	P	######	3.00	3.00	3.00	NC	100	475	1425.0	NA	NA	NA	0.002	NA	NA
666	9	4/19/16 -	4:50 PM 1:40 AM	- -	OUTSIDE AREA - Load Out Glove bag removal	A		3.00	2.00	2.50	3.0	100	530	1325.0	3.822	0.0011 BDL	BDL	0.003	0.001	0.003

I hereby certify that the above samples were collected and analyzed in compliance with applicable standards and regulations.

AM Technician: Jason Wiley
Location: Durant Court House
Contractor: Tec An (Kenny Nubine)
Project Number:

ANALYST PARTICIPATING IN LAB AIHA-151368
NC = Not Counted. Reasons: 1. Overload; 2. Damaged Filter; 3. Pump Failure; 4. Missing Filter
Rotometer Number: LF-1
Calibration Date: 3/28/16

NIOSH 7400 METHOD 7/1/2010 REV 1

Enercon Services, Inc.
6525 N. Meridian, Suite 400
Oklahoma City, OK 73116
Phone: 405-722-7693
Fax: 405-722-7694
www.enercon.com

ENERCON
Excellence—Every project. Every day.

Project: Durant Court House - Glove bag removal / PPE - FFAPR/Tyvek

Pump Number	Sample Number	Date Sampled	Time 1 On-Off	Time 2 On-Off	Collection Information	TYP	Pers Exp.	Flow Rate (L/M) Pre	Post	Avg.	Fiber Count	Field Count	Ttl. Time (Min.)	Volume (Liters)	Fiber Density	Fibers Per CC	Fibers Per CC	Det. Limit	LCL	UCL
						Cass. Dia = 25 mm					PF = 100		Field of View = 0.00785					Pg. 1	OF 1	
-	1	4/20/16 -	- -	- -	BLANK	B		0	0	0.00	0.0	100	0	0.0	0.000	NA	NA	NA	NA	NA
-	2	4/20/16 -	- -	- -	BLANK	B		0	0	0.00	0.0	100	0	0.0	0.000	NA	NA	NA	NA	NA
647	3	4/20/16 -	5:05 PM 2:00 AM		INSIDE AREA - Tunnel Glove bag removal	A		3.00	2.80	2.90	2.0	100	535	1551.5	2.548	0.000632 BDL	BDL	0.002	0.000	0.002
665	4	4/20/16 -	5:05 PM 2:00 AM		INSIDE AREA - West Crawl Space Glove bag removal	A		3.00	3.00	3.00	4.0	100	535	1605.0	5.096	0.0012 BDL	BDL	0.002	0.001	0.002
501	5	4/20/16 -	5:00 PM 11:00 PM	11:45 PM 2:00 AM	Brandon Coursey DOL# 401148 Glove bag removal	P	<0.01	3.00	2.80	2.90	6.0	100	495	1435.5	7.643	0.0020 BDL	BDL	0.002	0.001	0.002
465	6	4/20/16 -	5:00 PM 11:00 PM	11:45 PM 2:00 AM	Leonard Johnson DOL# 401614 Glove bag removal	P	<0.01	3.00	2.90	2.95	3.0	100	495	1460.3	3.822	0.0010 BDL	BDL	0.002	0.001	0.002
506	7	4/20/16 -	4:55 PM 9:30 PM		OUTSIDE AREA - Neg Air Glove bag removal	A		3.00	3.00	3.00	4.0	100	275	825.0	5.096	0.0024 BDL	BDL	0.004	0.001	0.004
655	8	4/20/16 -	4:55 PM 9:30 PM		OUTSIDE AREA - Load Out Glove bag removal	A		3.00	3.00	3.00	2.0	100	275	825.0	2.548	0.0012 BDL	BDL	0.004	0.001	0.004

I hereby certify that the above samples were collected and analyzed in compliance with applicable standards and regulations.

AM Technician: Jason Wiley
Location: Durant Court House
Contractor: Tec An (Kenny Nubine)
Project Number:

ANALYST PARTICIPATING IN LAB AIHA-151368
NC = Not Counted. Reasons: 1. Overload; 2. Damaged Filter; 3. Pump Failure; 4. Missing Filter
Rotometer Number: LF-1
Calibration Date: 3/28/16

NIOSH 7400 METHOD 7/1/2010 REV 1

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Project: Durant Court House - Glove bag removal / PPE - FFAPR/Tyvek

Pump Number	Sample Number	Date Sampled	Time 1 On-Off	Time 2 On-Off	Collection Information	TYP	Pers Exp.	Flow Rate (L/M) Pre	Post	Avg.	Fiber Count	Field Count	Ttl. Time (Min.)	Volume (Liters)	Fiber Density	Fibers Per CC	Fibers Per CC	Det. Limit	LCL	UCL
					Cass. Dia = 25 mm						PF = 100		Field of View = 0.00785				Pg. 1	OF 1		
-	1	4/21/16 -	- -	- -	BLANK	B		0	0	0.00	0.0	100	0	0.0	0.000	NA	NA	NA	NA	NA
-	2	4/21/16 -	- -	- -	BLANK	B		0	0	0.00	0.0	100	0	0.0	0.000	NA	NA	NA	NA	NA
665	8	4/21/16 -	6:00 PM 2:00 AM		OUTSIDE AREA - Load Out Glove bag removal	A		3.00	2.80	2.90	2.0	100	480	1392.0	2.548	0.000705 BDL	BDL	0.002	0.000	0.002
501	9	4/21/16 -	6:00 PM 11:00 PM	11:45 PM 2:00 AM	John Banks DOL# 400392 Glove bag removal	A		3.00	3.00	3.00	6.0	100	435	1305.0	7.643	0.0023 BDL	BDL	0.003	0.001	0.003
655	10	4/21/16 -	6:00 PM 11:00 PM	11:45 PM 2:00 AM	Leonard Johnson DOL# 401614 Glove bag removal	P	<0.01	3.00	2.80	2.90	5.0	100	435	1261.5	6.369	0.0019 BDL	BDL	0.003	0.001	0.003
465	11	4/21/16 -	6:00 PM 2:00 AM		OUTSIDE AREA - Neg Air Glove bag removal	P	<0.01	3.00	2.90	2.95	4.0	100	480	1416.0	5.096	0.0014 BDL	BDL	0.002	0.001	0.002

I hereby certify that the above samples were collected and analyzed in compliance with applicable standards and regulations.

ANALYST PARTICIPATING IN LAB AIHA-151368
NC = Not Counted. Reasons: 1. Overload; 2. Damaged Filter; 3. Pump Failure; 4. Missing Filter
NIOSH 7400 METHOD 7/1/2010 REV 1
Rotometer Number: LF-1
Calibration Date: 3/28/16

AM Technician: Jason Wiley
Location: Durant Court House
Contractor: Tec An (Kenny Nubine)
Project Number:

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Project: Durant Court House - Glove bag removal / PPE - FFAPR/Tyvek

Pump Number	Sample Number	Date Sampled	Time 1 On-Off	Time 2 On-Off	Collection Information	TYP	Pers Exp.	Flow Rate (L/M) Pre	Post	Avg.	Fiber Count	Field Count	Ttl. Time (Min.)	Volume (Liters)	Fiber Density	Fibers Per CC	Fibers Per CC	Det. Limit	LCL	UCL
						Cass. Dia = 25 mm					PF = 100		Field of View = 0.00785				Pg. 1		OF 1	
-	1	4/20/16 -	- -	- -	BLANK	B		0	0	0.00	0.0	100	0	0.0	0.000	NA	NA	NA	NA	NA
-	2	4/20/16 -	- -	- -	BLANK	B		0	0	0.00	0.0	100	0	0.0	0.000	NA	NA	NA	NA	NA
470	10	4/20/16 -	9:30 PM 4:30 AM		INSIDE AREA - East Crawl Space Clearance	A		3.00	2.90	2.95	2.0	100	420	1239.0	2.548	0.000792 BDL	BDL	0.003	0.000	0.003
506	11	4/20/16 -	9:30 PM 4:30 AM		INSIDE AREA - East Crawl Space Clearance	A		3.00	2.80	2.90	1.0	100	420	1218.0	1.274	0.0004 BDL	BDL	0.003	0.000	0.003
655	12	4/20/16 -	9:30 PM 4:30 AM		INSIDE AREA - East Crawl Space Clearance	A		3.00	2.80	2.90	3.0	100	420	1218.0	3.822	0.0012 BDL	BDL	0.003	0.001	0.003
517	13	4/20/16 -	9:30 PM 4:30 AM		INSIDE AREA - East Crawl Space Clearance	A		3.00	3.00	3.00	2.0	100	420	1260.0	2.548	0.0008 BDL	BDL	0.003	0.000	0.003
666	14	4/20/16 -	9:30 PM 4:30 AM		INSIDE AREA - East Crawl Space Clearance	A		3.00	3.00	3.00	1.0	100	420	1260.0	1.274	0.0004 BDL	BDL	0.003	0.000	0.003

I hereby certify that the above samples were collected and analyzed in compliance with applicable standards and regulations.

AM Technician: Jason Wiley
Location: Durant Court House
Contractor: Tec An (Kenny Nubine)
Project Number:

ANALYST PARTICIPATING IN LAB AIHA-151368
NC = Not Counted. Reasons: 1. Overload; 2. Damaged Filter; 3. Pump Failure; 4. Missing Filter
Rotometer Number: LF-1
Calibration Date: 3/28/16

NIOSH 7400 METHOD 7/1/2010 REV 1

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Project: Durant Court House - Glove bag removal / PPE - FFAPR/Tyvek

Pump Number	Sample Number	Date Sampled	Time 1 On-Off	Time 2 On-Off	Collection Information	TYP	Pers Exp.	Flow Rate (L/M) Pre	Post	Avg.	Fiber Count	Field Count	Ttl. Time (Min.)	Volume (Liters)	Fiber Density	Fibers Per CC	Fibers Per CC	Det. Limit	LCL	UCL
						Cass. Dia = 25 mm					PF = 100		Field of View = 0.00785					Pg. 1	OF 1	
-	1	4/21/16 -	- -	- -	BLANK	B		0	0	0.00	0.0	100	0	0.0	0.000	NA	NA	NA	NA	NA
-	2	4/21/16 -	- -	- -	BLANK	B		0	0	0.00	0.0	100	0	0.0	0.000	NA	NA	NA	NA	NA
470	3	4/21/16 -	2:00 PM 9:00 PM		INSIDE AREA - West Crawl Space Clearance	A		3.00	3.00	3.00	3.0	100	420	1260.0	3.822	0.001168 BDL	BDL	0.003	0.001	0.003
506	4	4/21/16 -	2:00 PM 9:00 PM		INSIDE AREA - West Crawl Space Clearance	A		3.00	3.00	3.00	2.0	100	420	1260.0	2.548	0.0008 BDL	BDL	0.003	0.000	0.003
655	5	4/21/16 -	2:00 PM 9:00 PM		INSIDE AREA - West Crawl Space Clearance	A		3.00	3.00	3.00	4.0	100	420	1260.0	5.096	0.0016 BDL	BDL	0.003	0.001	0.003
517	6	4/21/16 -	2:00 PM 9:00 PM		INSIDE AREA - West Crawl Space Clearance	A		3.00	3.00	3.00	4.0	100	420	1260.0	5.096	0.0016 BDL	BDL	0.003	0.001	0.003
666	7	4/21/16 -	2:00 PM 9:00 PM		INSIDE AREA - West Crawl Space Clearance	A		3.00	3.00	3.00	5.0	100	420	1260.0	6.369	0.0019 BDL	BDL	0.003	0.001	0.003

I hereby certify that the above samples were collected and analyzed in compliance with applicable standards and regulations.

AM Technician: Jason Wiley
Location: Durant Court House
Contractor: Tec An (Kenny Nubine)
Project Number:

ANALYST PARTICIPATING IN LAB AIHA-151368
NC = Not Counted. Reasons: 1. Overload; 2. Damaged Filter; 3. Pump Failure; 4. Missing Filter
Rotometer Number: LF-1
Calibration Date: 3/28/16

NIOSH 7400 METHOD 7/1/2010 REV 1

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Project: Durant Court House - Glove bag removal / PPE - FFAPR/Tyvek

Pump Number	Sample Number	Date Sampled	Time 1 On-Off	Time 2 On-Off	Collection Information	TYP	Pers Exp.	Flow Rate (L/M) Pre	Post	Avg.	Fiber Count	Field Count	Ttl. Time (Min.)	Volume (Liters)	Fiber Density	Fibers Per CC	Fibers Per CC	Det. Limit	LCL	UCL
							Cass. Dia =	25 mm			PF =	100	Field of View =	0.00785			Pg.	1	OF	1
-	1	4/21/16 -	- -	- -	BLANK	B		0	0	0.00	0.0	100	0	0.0	0.000	NA	NA	NA	NA	NA
-	2	4/21/16 -	- -	- -	BLANK	B		0	0	0.00	0.0	100	0	0.0	0.000	NA	NA	NA	NA	NA
470	12	4/21/16 -	9:15 PM 4:30 AM		INSIDE AREA - Tunnel Clearance	A		3.00	2.80	2.90	4.0	100	435	1261.5	5.096	0.001555	BDL	0.003	0.001	0.003
506	13	4/21/16 -	9:15 PM 4:30 AM		INSIDE AREA - Tunnel Clearance	A		3.00	2.70	2.85	2.0	100	435	1239.8	2.548	BDL 0.0008	BDL	0.003	0.000	0.003
655	14	4/21/16 -	9:15 PM 4:30 AM		INSIDE AREA - Tunnel Clearance	A		3.00	2.70	2.85	1.0	100	435	1239.8	1.274	BDL 0.0004	BDL	0.003	0.000	0.003
517	15	4/21/16 -	9:15 PM 4:30 AM		INSIDE AREA - Central Basement Clearance	A		3.00	2.60	2.80	0.0	100	435	1218.0	0.000	BDL 0.0000	BDL	0.003	0.000	0.003
666	16	4/21/16 -	9:15 PM 4:30 AM		INSIDE AREA - Central Basement Clearance	A		3.00	2.60	2.80	2.0	100	435	1218.0	2.548	BDL 0.0008	BDL	0.003	0.001	0.003

I hereby certify that the above samples were collected and analyzed in compliance with applicable standards and regulations.

AM Technician: Jason Wiley
Location: Durant Court House
Contractor: Tec An (Kenny Nubine)
Project Number:

ANALYST PARTICIPATING IN LAB AIHA-151368
NC = Not Counted. Reasons: 1. Overload; 2. Damaged Filter; 3. Pump Failure; 4. Missing Filter
Rotometer Number: LF-1
Calibration Date: 3/28/16

NIOSH 7400 METHOD 7/1/2010 REV 1

WASTE CONNECTIONS INC.
Connect with the Future®

NON-HAZARDOUS SPECIAL WAST & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV.
If waste is NOT asbestos waste, complete only Sections I, II and III.

No. 0077099

Section I — GENERATOR (Generator completes all of Section I)

a. Generator Name: EMERGENCY SERVICES
b. Generating Location: DURANT CITY HALL
c. Address 1601 NW EXPRESSWAY, OKC, OK
d. Address 300 WEST EVERGREEN DURANT, OK
e. Phone No.: 405 722-1693
f. Phone No.: 580-916-8376

If owner of the generating facility differs from the generator, provide:

g. Owner's Name: DURANT CITY HALL
h. Purchase Order No.:

i. WC WASTE CODE: OKC 13+42 1

j. Description of Waste: ACM SOIL

k. Quantity: 03 Units: YD Containers No.: 01 TYPE: BA

TYPE
DM - METAL DRUM
DP - PLASTIC DRUM
B - BAG
BA - 6 MIL. PLASTIC BAG or WRAP
T - TRUCK
O - OTHER

UNITS
P - POUNDS
Y - YARDS
M³ - CUBIC METERS
Y³ - CUBIC YARDS
O - OTHER

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, if the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

KENNETH DUBOSE — Kenneth Dubose — 04/04/16
Generator Authorized Agent Name — Signature — Shipment Date

Section II — TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

TRANSPORTER I

a. Name: TEC-AN INC
b. Address: 2517 S PURDUE OKLAHOMA CITY, OK 73128
c. Driver Name/Title: KENNETH DUBOSE SUP
d. Phone No.: 405-681-7076
e. Truck No.: TA2500
f. Vehicle License No./State: OK
Acknowledgment of Receipt of Materials:
g. Kenneth Dubose — 04/04/16
Driver Signature — Shipment Date

TRANSPORTER II

h. Name:
i. Address:
j. Driver Name/Title:
k. Phone No.: — l. Truck No.:
m. Vehicle License No./State:
Acknowledgment of Receipt of Materials:
n. — Shipment Date
Driver Signature

Section III — DESTINATION (Generator completes a-d; destination site completes e-f)

a. Site Name: **WASTE CONNECTIONS**
c. Phone No.: **(405) 745-3091**
b. Physical Address: **Oklahoma City Landfill**
d. Fax No.: **(405) 745-3611**
7600 S.W. 15th • Oklahoma City, OK 73128

e. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

f. Inger Mowe — 04/04/16 — 02/ 1375422
Name of Authorized Agent — Signature — Receipt Date

Section IV — ASBESTOS (Generator completes a-d, f, g; Shipper completes e)

a. Shipper's* Name: TEC-AN INC.
b. Shipper's* Phone No.: 405 681-7076
c. Shipper's* Address: 2517 S PURDUE OKLAHOMA CITY, OK 73128
d. Shipper's* Special Handling Instructions and additional information: 1/2 FACE AND COVERALLS

CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

e. Shipper's* Name & Title: KENNETH DUBOSE SUP
b. Shipper's* Phone No.: 405 681-7076 — 04/04/16 Date
f. Name and Address of Responsible Agency: DURANT, OKLAHOMA CITY HALL 300 W. EVERGREEN DURANT, OK

g. ☑ Friable; ☐ Non-friable; ☐ Both _____% friable _____% nonfriable

*Shipper refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation, or both.

WC1000 (Rev. 6/12)

White - Destination Retain Green - Return to Generator Canary - Return to Operator Pink - Transporter Retain Goldenrod - Generator Retain

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

WASTE CONNECTIONS INC.
Connect with the Future®

If waste is asbestos waste, complete Sections I, II, III and IV.
If waste is NOT asbestos waste, complete only Sections I, II and III.

No. 0077093

Section I — GENERATOR (Generator completes all of Section I)

a. Generator Name: DURANT CITY HALL
b. Generating Location: DURANT CITY HALL-BASEMENT
c. Address: 300 WEST EVERGREEN, DURANT, OK
d. Address: 300 WEST EVERGREEN, DURANT, OK
e. Phone No.: 580-916-8375
f. Phone No.: 580-916-8375

If owner of the generating facility differs from the generator, provide:

g. Owner's Name:
h. Purchase Order No.:

i. WC WASTE CODE: 13-421

j. Description of Waste: WRAP ACM PIPES (STEAM) AND FITTINGS

k. Quantity: 30 | Units: 43 | Containers No.: 01 | TYPE: BA

TYPE
DM - METAL DRUM
DP - PLASTIC DRUM
B - BAG
BA - 6 MIL. PLASTIC BAG or WRAP
T - TRUCK
O - OTHER

UNITS
P - POUNDS
Y - YARDS
M³ - CUBIC METERS
Y³ - CUBIC YARDS
O - OTHER

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, If the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

KENNETH NUBINE — Generator Authorized Agent Name
Kenneth L Nubine — Signature
04/21/16 — Shipment Date

Section II — TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

TRANSPORTER I

a. Name: ORTE
b. Address: 308 N. Fonshill Ave. OKC, OK 73117
c. Driver Name/Title: Robert Downs
d. Phone No.: 405-943-8969
e. Truck No.: 13FC
f. Vehicle License No./State:
Acknowledgment of Receipt of Materials:
g. Robert Downs — Driver Signature
04/25/16 — Shipment Date

TRANSPORTER II

h. Name:
i. Address:
j. Driver Name/Title:
k. Phone No.:
l. Truck No.:
m. Vehicle License No./State:
Acknowledgment of Receipt of Materials:
n. Driver Signature
Shipment Date

Section III — DESTINATION (Generator completes a-d; destination site completes e-f.

a. Site Name: **WASTE CONNECTIONS**
b. Physical Address: **Oklahoma City Landfill**
7600 S.W. 15th • Oklahoma City, OK 73128
c. Phone No.: **(405) 745-3091**
d. Fax No.: **(405) 745-3611**

e. Discrepancy Indication Space:
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

f. Name of Authorized Agent
Signature
04/25/16 — Receipt Date
02/

Section IV — ASBESTOS (Generator completes a-d; f, g, Shipper* completes e.

a. Shipper's* Name: TEC-AN INC.
b. Shipper's* Phone No.: 405 681-7026
c. Shipper's* Address: 2517 S PURDUE, OKC, OK 73128
d. Shipper's* Special Handling Instructions and additional information: ½ FACE + COVERALLS

CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled/placarded and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

e. Shipper's* Name & Title: KENNETH NUBINE Sup
b. Shipper's* Phone No.: 405 681-7026
04/22/16 — Date

f. Name and Address of Responsible Agency: DURANT CITY HALL 300 W. EVERGREEN, DURANT, OK

g. ☑ Friable; ☐ Non-friable; ☐ Both _____% friable _____% nonfriable

*Shipper refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation, or both.

WC1000 (Rev. 6/12)
White - Destination Retain — Green - Return to Generator — Canary - Return to Operator — Pink - Transporter Retain — Goldenrod - Generator Retain

Scale 1 Gross Wt.	55400	LB	Inbound - Charge ticket
Scale 2 Tare Wt.	40340	LB	
Net Weight	15060	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
30.00	CU YD	$pecial Waste(YD)				

Is this load from the OKC limits?__ Yes__ No..I certify this load contains no unauthorized hazardous waste & understand falsification of a waste manifest is a criminal offense & hereby affirm this information is correct.Phone:405-745-3091
Source: TEC AN
Location: 0077093

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

SIGNATURE _____

DUPLICATE TICKET
OKLAHOMA CITY LANDFILL/WCI
7600 SW 15TH STREET
OKLAHOMA CITY, OK 73128

007583 TEC-AN INC
2517 S. PURDUE
OKLAHOMA CITY OK 73128

SITE	TICKET	GRID	WEIGHMASTER
02	01382438	NEW	Inger

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
04/27/16	04/27/16	08:19	08:19		

REFERENCE	ORIGIN
13-421	

Scale 1 Gross Wt.	55400	LB	Inbound - Charge ticket
Scale 2 Tare Wt.	40340	LB	
Net Weight	15060	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
30.00	CU YD	$pecial Waste(YD)				

Is this load from the OKC limits?__ Yes__ No I certify this load contains no unauthorized hazardous waste & understand

NET AMOUNT