AirQuest Project #14545

Pre-Renovation Report of Building Material Survey, Sampling and Evaluation of Asbestos-Containing Materials

For:
Denny's
2671 North Federal Highway
Pompano Beach, Florida 33316

Prepared For:
Ms. Nadia Locke
Project Manager
E Sciences, Inc.
224 Southeast 9th Street
Fort Lauderdale, Florida 33316

October 26, 2018

AirQuest® Environmental, Inc.

6851 Southwest 45th Street, Fort Lauderdale, FL 33314 | Phone (954) 792-4549 | Fax: (954) 792-2221 | www.AirQuestInc.com

CERTIFICATION PAGE

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Pompano Beach, Florida 33316

AirQuest Project #14545

Prepared For:
Ms. Nadia Locke
Project Manager
E Sciences, Inc.
224 Southeast 9th Street
Fort Lauderdale, Florida 33316

Prepared By:
AirQuest Environmental, Inc.
6851 Southwest 45th Street
Fort Lauderdale, Florida 33314

Pedro Rodas
Project Manager

Traci-Anne Boyle, CIH, CSP
FL Asbestos Consultant #AX-60

October 26, 2018

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APPENDICES

1 EXECUTIVE SUMMARY

AirQuest Environmental, Inc. ("AirQuest") performed a survey for asbestos-containing materials (ACM) at the Denny's located at 2671 North Federal Highway, Pompano Beach, Florida 33316 ("the site"). The survey was performed on October 22 and 23, 2018, by AirQuest Project Manager, Pedro Rodas, an EPA-accredited Asbestos Hazard Emergency Response Act (AHERA) Asbestos Inspector (see Appendix I).

The purpose of the survey was to locate and identify ACM within the interior, exterior, and roof of the building prior to renovation activities.

The results of our observation and laboratory analysis identified the following ACM and presumed ACM:

Homogenous Area (HA) Material	Location	Percentage/ Type	Material Condition/ Friability	Approximate Quantity	Category
HA 6: Drywall System Ceilings	Throughout Dining Room, Bathrooms, and Back Area	Drywall: ND Joint Compound: 0.25% Chrysotile*	Fair/ Friable	950 SF	OSHA (non-ACM)
HA 7: Drywall System Walls	Throughout the Interior	Drywall: ND Joint Compound: 0.50% Chrysotile*	Fair/ Friable	Throughout	OSHA (non-ACM)
HA 29: White Mastic on Air-Conditioning Units	Northwest Area Units on Flat Roof	ND-8% Chrysotile	Fair/ Non-Friable	30 SF	Category II NESHAPs
HA 30: Black Mastic on Air-Conditioning Units	Northwest Area Units on Flat Roof	ND-10% Chrysotile	Fair/ Non-Friable	20 SF	Category II NESHAPs
Inaccessible Black Duct Mastic	Above Drywall System Ceilings	Presumed	Unknown	Unknown	Category II NESHAPs

SF-Square Feet

NESHAP– National Emissions Standard for Hazardous Air Pollutants

OSHA- Occupational Safety and Health Administration

Non-Friable- Material that, when dry, may not be crumbled, pulverized, or reduced to powder by hand pressure.

*Sample was Point Counted

National Emission Standards for Hazardous Air Pollutants (NESHAP) Category Recommendations:

- **Category I:** Category I nonfriable ACM refers to asbestos-containing packing, gaskets, resilient floor coverings, and asphalt roofing products.
- **Category II:** Category II nonfriable ACM refers to any material that is not classified under Category I.

- Renovation Activities: There is no regulatory guideline that requires removal of Category II nonfriable ACM unless they will be disturbed during renovation or demolition activities. If the Category II nonfriable ACM is to be impacted or removed, the removal must be conducted by a Florida Licensed Asbestos Abatement Contractor, with prior notification to the appropriate County and the State of Florida agencies.

- Demolition Activities: NESHAP regulations do not require that Category II nonfriable ACM be removed prior to demolition activities as long as the probability is low that the materials will not become crumbled, pulverized, or reduced to powder during demolition. However, many Category II materials (for example, transite panels) will become RACM during demolition activities and most NESHAP regulators require removal prior to demolition. Prior regulatory approval is needed if Category II nonfriable materials will remain in place during the demolition.

  Category II nonfriable ACM that will remain in place during demolition must be kept wet during demolition activities, segregated from the waste stream and disposed of in a Class I landfill capable of accepting such material. The demolition crew must abide by OSHA regulations pertaining to asbestos exposure. The owner should consider removal prior to demolition as this may be more cost-effective than complying with OSHA regulations, the costs associated with segregating the waste stream and the additional disposal costs.

  Prior to the removal or in-place wet demolition of Category II nonfriable material, notification to the appropriate County and the State of Florida agencies is required.

- **Occupational Safety and Health Administration (OSHA):** The results of the initial laboratory analysis for the friable drywall system walls and ceiling joint compound layer using the visual estimation method of quantification identified <1% chrysotile asbestos in the joint compound of five (5) samples. In accordance with Environmental Protection Agency (EPA) recommendations, the samples were then analyzed using the point count method of quantification. The results of the point count analysis were that the samples were <1% chrysotile asbestos. As such, the EPA does not consider these materials to be ACM. However, OSHA regulations pertaining to asbestos personnel exposure still apply to materials that contain <1% asbestos.

The rooms at the back of the building were locked and inaccessible at the time of the inspection and, therefore, were not inspected. The Client requested minimal destructive sampling procedures; therefore, the metal roof and related roofing materials at the west end of the building were not inspected due to the destructive nature of such testing. Black duct mastic above the drywall system ceiling was not accessible without being destructive and, therefore, should be assumed to be ACM.

Destructive sampling procedures were not used to access the interior of wall cavities, fire doors, or above hard ceilings. If any materials are encountered during renovation activities that were not sampled in this report, the materials should not be disturbed until they have been sampled and identified as non-ACM through laboratory analysis.

2 INTRODUCTION AND SITE DESCRIPTION

Denny's, located at 2671 North Federal Highway, Pompano Beach, Florida, was a single-story building and measured approximately 5,872 square feet. The scope of the inspection included the interior, exterior, and roof of the building.

The scope of services for this project consisted of the following five steps:

- Building Walk-Through and Observations,
- Bulk Sampling of Suspect ACM,
- Polarized Light Microscopy (PLM) Analysis of Bulk Samples,
- Hazard Assessment and Evaluation, and
- Final Report Preparation.

On October 22 and 23, 2018, AirQuest Project Manager, Pedro Rodas, conducted an asbestos sampling survey of suspect ACM associated with the pending renovations at the site.

Exterior and Roof: The building was constructed of concrete block on a concrete slab foundation and was finished with exterior stucco. The sloped wood roof deck and edge were finished with asphalt shingles. The flat wood roof deck was finished with a bituminous roofing membrane; built-up bituminous material was present at the membrane and flashing. Bituminous material was present at deck penetrations, pit pans, drains, and vent curbs. Bituminous material patches were present. Plaster and mastic were present at parapet walls. Two (2) types of mastic were present at the roof top air-conditioning units. The metal roof and related roofing materials at the west end of the building were not tested due to the destructive nature of such testing. Mastic was present at exterior louvers on the south side of the building. Exterior door and window caulk were present.

Interior: Ceilings were constructed of drywall system and select areas were finished with six (6) types of acoustic ceiling tile (including acoustic ceiling tile in the plenum). Interior walls were constructed of drywall system and select areas were finished with vinyl floor coving. Office area walls were finished with rigid fiberglass panels. Bathroom walls were finished with ceramic tile. Floors were finished with two (2) types of ceramic tile, and rolled-on floor sheeting. Tile mastic and grout, carpet glue, rigid fiberglass panel glue, and flooring glue were present. Acoustic ceiling tile and mastic, and two (2) types of air-conditioning duct mastic were present in the plenum.

3 SURVEY METHODS AND LABORATORY ANALYSIS

The sampling protocol used generally follows Asbestos Hazard Emergency Response Act (AHERA) guidelines. AHERA was promulgated by the United States Environmental Protection Agency (EPA) in 1987 and regulated public schools.

Suspect materials are differentiated into three categories: surfacing material, thermal system insulation, or miscellaneous material. Surfacing material is anything that is sprayed or troweled onto a surface; thermal system insulation is material used to insulate HVAC pipes, tanks, etc., and miscellaneous material is any other type of material. During the survey, surfacing and miscellaneous materials were observed.

A homogeneous area is defined as an area of surfacing material, thermal system insulation material, or miscellaneous material that is uniform in color and texture. A homogeneous area is not limited to only one room, but can be found in several rooms. Sample selection in the building was determined by identifying the homogeneous areas and basing sampling locations upon these areas.

In conducting the building inspection in compliance with all local, state, and federal regulations, all suspected ACM which were accessible to the inspector, were either sampled to confirm the actual presence of asbestos, or assumed to contain asbestos.

Building areas between walls, under floors, under concrete slabs and above permanent ceilings, all of which could not be accessed, were not visually inspected nor were materials therein sampled as a part of this building inspection.

Due to the fact that over 3,600 different building products are recognized as asbestos-containing building materials, it cannot be said that all such products, which may be included in the subject building, have or could be identified.

Analysis was performed using Polarized Light Microscopy (PLM) with dispersion staining. The laboratory is rated proficient through National Institute of Standards and Technology- National Voluntary Laboratory Accreditation Program (NIST-NVLAP) for bulk asbestos analysis.

It is important to note that the method of bulk sample analysis, PLM, is not 100% absolute in the identification of ACM. There are many factors which may contribute to false negatives being reported. Some of the more common factors include non-homogeneity of the building material and the optical variations of the microscopist. In order to obtain an absolute analysis of a building material, any reported negative sample suspect of being asbestos or any material not sampled should be analyzed by Transmission Electron Microscopy (TEM) with energy dispersive x-ray analysis (EDAX) for bulk sample confirmation. Interpretation of TEM results must be viewed with caution as these procedures are not presently recognized by EPA regulations. However, they are useful analytical techniques for confirmation of non-friable materials when PLM results are inconclusive.

Because of the inherent limitations of PLM Bulk Sample analysis, the Owner may elect to re-analyze the reported negative PLM samples by TEM to determine whether they may be regulated under the Asbestos National Emission Standards for Hazardous Air Pollutants (NESHAP).

This analytical technique is described in the EPA Guidance Document, EPA/600 R-93/116, July 1993, Test Method – Method for the Determination of Asbestos in Bulk Building Materials. This method, Analytical Electron Microscopy (AEM), also referred to as TEM, can often be a reliable method for the detection and positive identification of asbestos in some bulk building materials, both friable and nonfriable. The method is particularly applicable to bulk materials that contain a large amount of interfering materials that can be removed by ashing and/or dissolution and contain asbestos fibers that are not resolved by PLM techniques. Many floor tiles and plasters would be included in the type of sample. In combination with suitable specimen preparation techniques, the AEM method can also be used to quantify asbestos concentrations.

The TEM analytical methodology is also referred to in an EPA Advisory, Federal Register, Vol. 59, No. 146, August 1, 1994, Advisory Regarding Availability of an Improved Asbestos Bulk Sample Analysis Sample Test Method; Supplementary Information on Bulk Sample Collection and Analysis. The Advisory states that this approach should be considered for the following circumstances: (10 Floor tiles which may contain thin fibers and which were analyzed under the 1982 PLM method and found not to be asbestos-containing; and (2) materials such as hard wall and acoustical plaster, stucco or other similar multi-layered materials or systems which were not analyzed and reported by layers (discrete strata).

NESHAP, 40 CFR Part 763, Section 61.141, revised July 1, 1996, defines ACM as any material containing more than one (1) percent asbestos as determined using the method specified in Appendix E, Subpart E, 40 CFR Part 763, Section 1, PLM, that, when dry, can be crumbled, pulverized or reduced to a powder by hand pressure. If the asbestos content is less than ten (10) percent as determined by a method other than point counting by PLM, verify the asbestos content by point counting using PLM.

Estimates of quantities of ACM where given are based upon the identification of suspect materials. Where suspect ACM are located behind walls, above ceilings, beneath carpeting, or other concealed conditions. Where the quantities cannot be verified, the estimate is based upon the conditions present during the survey. These estimates are not to be considered absolute and should be verified when the ACM is exposed.

4 SUSPECT ASBESTOS-CONTAINING MATERIALS

Thirty-four (34) homogeneous areas (HA) of suspect material were identified and a total of seventy-eight (78) samples were collected. The laboratory split the samples into layers, resulting in the analysis of ninety-four (94) samples. Sample descriptions and laboratory results are summarized in Table 1. Sample locations and HAs identified to be ACM are described in Section 5.

A copy of the laboratory report and chain of custody record is included in Appendix II. Photographs of each HA are included in Appendix III.

Table 1 – Laboratory Analysis and Summary

Samples Collected on October 22 and 23, 2018

Sample Number	HA	Location	Description of Suspect Material	Asbestos Content %
4545-01	1	Dining Area Center	White 2' x 2' ACT with Rough Finish	ND
4545-02	1	Dining Area East End	White 2' x 2' ACT with Rough Finish	ND
4545-03	1	Dining Area West End	White 2' x 2' ACT with Rough Finish	ND
4545-04	2	Dining Area East End	White 2' x 2' ACT with Waves Pattern	ND
4545-05	2	Dining Area East End	White 2' x 2' ACT with Waves Pattern	ND
4545-06	3	Dining Area East End	White 2' x 2' ACT with Dot/Gash Pattern	ND
4545-07	3	Dining Area East End	White 2' x 2' ACT with Dot/Gash Pattern	ND
4545-08	4	Dining Area West End	Grey 8" x 8" Ceramic Floor Tile & Grout	ND
4545-09	4	Bathroom Corridor	Grey 8" x 8" Ceramic Floor Tile & Grout	ND
4545-10	5	Dining Area Center	Orange 4" x 4" Ceramic Floor Tile & Grout	ND
4545-11	5	Back Corridor	Orange 4" x 4" Ceramic Floor Tile & Grout	ND

Sample Number	HA	Location	Description of Suspect Material	Asbestos Content %
4545-12	6	Entrance Back Area	Drywall System Ceiling	Drywall: ND Joint Compound: 0.50% Chrysotile*
4545-13	6	Bathroom Corridor	Drywall System Ceiling	Drywall: ND Joint Compound: 0.50% Chrysotile*
4545-14	7	Bathroom Corridor	Drywall System Walls	Drywall: ND Joint Compound: 0.25% Chrysotile*
4545-15	7	Storage 1	Drywall System Walls	Drywall: ND Joint Compound: 0.25% Chrysotile*
4545-16	7	Storage 2	Drywall System Walls	Drywall: ND Joint Compound: 0.25% Chrysotile*
4545-17	8	Dishwasher Area	White 2’ x 2’ Gypsum ACT	ND
4545-18	8	Dishwasher Area	White 2’ x 2’ Gypsum ACT	ND
4545-19	9	Storage 1	White 2’ x 2’ ACT with Dot Pattern	ND
4545-20	9	Storage 1	White 2’ x 2’ ACT with Dot Pattern	ND
4545-21	10	Near Office Area	Rigid Fiberglass Wall Panel & Glue	ND
4545-22	10	Near Office Area	Rigid Fiberglass Wall Panel & Glue	ND
4545-23	11	Men’s Restroom	Beige 3” x 3” Ceramic Wall Tile & Glue	ND
4545-24	11	Women’s Restroom	Beige 3” x 3” Ceramic Wall Tile & Glue	ND
4545-25	12	Storage 2	Black 4” Vinyl Base Cove & Mastic	ND
4545-26	12	Storage 3	Black 4” Vinyl Base Cove & Mastic	ND
4545-27	13	Storage 3	Red Rolled Floor Sheeting & Glue	ND
4545-28	13	Storage 3	Red Rolled Floor Sheeting & Glue	ND

Sample Number	HA	Location	Description of Suspect Material	Asbestos Content %
4545-29	14	Dining Area Above Plenum	Tan 1' x 1' ACT	ND
4545-30	14	Dining Area Above Plenum	Tan 1' x 1' ACT	ND
4545-31	14	Dining Area Above Plenum	Tan 1' x 1' ACT	ND
4545-32	15	Dining Area Above Plenum	Brown Mastic	ND
4545-33	15	Dining Area Above Plenum	Brown Mastic	ND
4545-34	16	Dining Area Center	White Mastic at Air-Conditioning Vent	ND
4545-35	16	Dining Area East End	White Mastic at Air-Conditioning Vent	ND
4545-36	17	Dining Area West End	Yellow Carpet Glue	ND
4545-37	17	Dining Area East End	Yellow Carpet Glue	ND
4545-38	18	North Side	Exterior Stucco	ND
4545-39	18	North Side	Exterior Stucco	ND
4545-40	18	East Side	Exterior Stucco	ND
4545-41	18	East Side	Exterior Stucco	ND
4545-42	18	South Side	Exterior Stucco	ND
4545-43	18	West Side	Exterior Stucco	ND
4545-44	18	West Side	Exterior Stucco	ND
4545-45	19	East Door	Exterior Door Caulk	ND
4545-46	19	North Door	Exterior Door Caulk	ND
4545-47	20	North Window	Exterior Window Caulk	ND

Sample Number	HA	Location	Description of Suspect Material	Asbestos Content %
4545-48	20	North Window	Exterior Window Caulk	ND
4545-49	21	Flat Roof East End	Built-Up Bituminous Roofing Material at Membrane	ND
4545-50	21	Flat Roof North End	Built-Up Bituminous Roofing Material at Membrane	ND
4545-51	21	Flat Roof Northwest End	Built-Up Bituminous Roofing Material at Membrane	ND
4545-52	22	Flat Roof West Parapet Area	Built-Up Bituminous Roofing Material at Flashing	ND
4545-53	22	Flat Roof North Parapet Area	Built-Up Bituminous Roofing Material at Flashing	ND
4545-54	23	Flat Roof South Parapet Wall	Plaster	ND
4545-55	23	Flat Roof North Parapet Wall	Plaster	ND
4545-56	23	Flat Roof West Parapet Wall	Plaster	ND
4545-57	24	Flat Roof South End	Bituminous Roofing Material at Deck Penetration	ND
4545-58	24	Flat Roof Southwest End	Bituminous Roofing Material at Deck Penetration	ND
4545-59	25	Flat Roof Center Area	Pitch Pan Mastic	ND
4545-60	25	Flat Roof Center Area	Pitch Pan Mastic	ND
4545-61	26	Flat Roof Southeast Area	Bituminous Roofing Material at Drains	ND
4545-62	26	Flat Roof Southwest Area	Bituminous Roofing Material at Drains	ND
4545-63	27	Flat Roof Southeast Area	Bituminous Roofing Material Patch	ND

Sample Number	HA	Location	Description of Suspect Material	Asbestos Content %
4545-64	27	Flat Roof Southeast Area	Bituminous Roofing Material Patch	ND
4545-65	28	Flat Roof South Unit	Bituminous Roofing Material at Vent Curbs	ND
4545-66	28	Flat Roof North Unit	Bituminous Roofing Material at Vent Curbs	ND
4545-67	29	Flat Roof Northwest Area Unit	White Mastic at Air-Conditioning Unit	8% Chrysotile
4545-68	29	Flat Roof Northwest Area Unit	White Mastic at Air-Conditioning Unit	ND
4545-69	30	Flat Roof Northwest Area Unit	Black Mastic at Air-Conditioning Units	10% Chrysotile
4545-70	30	Flat Roof Northwest Area Unit	Black Mastic at Air-Conditioning Units	ND
4545-71	31	Roof South Side	Shingles	ND
4545-72	31	Roof North Side	Shingles	ND
4545-73	32	Roof Edge	Shingles	ND
4545-74	32	Roof Edge	Shingles	ND
4545-75	33	Flat Roof Northwest Top of Parapet Wall	Black Mastic	ND
4545-76	33	Flat Roof Northwest Top of Parapet Wall	Black Mastic	ND
4545-77	34	Louver South Side	Black Mastic	ND
4545-78	34	Louver South Side	Black Mastic	ND

HA- Homogenous Area
ND- None Detected
ACT-Acoustic Ceiling Tile
*Sample was Point Counted

5 CONCLUSIONS AND RECOMMENDED RESPONSE ACTION

The results of our observation and laboratory analysis identified the following ACM and presumed ACM:

Homogenous Area (HA) Material	Location	Percentage/ Type	Material Condition/ Friability	Approximate Quantity	Category
HA 6: Drywall System Ceilings	Throughout Dining Room, Bathrooms, and Back Area	Drywall: ND Joint Compound: 0.25% Chrysotile*	Fair/ Friable	950 SF	OSHA (non-ACM)
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6 LIMITATIONS

The rooms at the back of the building were locked and inaccessible at the time of the inspection and, therefore, were not inspected. The Client requested minimal destructive sampling procedures; therefore, the metal roof and related roofing materials at the west end of the building were not inspected due to the destructive nature of such testing. Black duct mastic above the drywall system ceiling was not accessible without being destructive and, therefore, should be assumed to be ACM.

Destructive sampling procedures were not used to access the interior of wall cavities, fire doors, or above hard ceilings. If any materials are encountered during renovation activities that were not sampled in this report, the materials should not be disturbed until they have been sampled and identified as non-ACM through laboratory analysis.

This report was prepared in a manner consistent with that level of care and skill ordinarily exercised by members of the profession currently practicing under similar conditions. This report was prepared for the exclusive use of the client and assigned agents and is not intended for any other purposes. Our report is based on the information available to us at the time of our investigation and limited in scope to the stated purpose and/or the area(s) inspected. Other conditions elsewhere in the site may differ from those in the inspected/ surveyed locations and such conditions are unknown, may change over time, and/or have not been considered. This report does not claim to identify all potential hazards and/or contaminants that may be present, nor does it imply any medical opinion on the relationship of potential health effects with any reported hazards and/ or contaminants. Our opinions are based on our findings and professional expertise, with no guaranty or warranty implied herein. The data obtained in this report does not establish the habitability of the site, nor does it determine if a building is safe or unsafe. Should additional information become available, we reserve the right to determine the impact, if any, of the new information on our opinions, conclusions, and recommendations if necessary as warranted by the discovery of the additional information. AirQuest accepts no responsibility for interpretation of this report by others. Its contents shall not be used or relied upon by other parties without prior written authorization by AirQuest.

Appendix I
Certifications

Certificate Of Completion

Asbestos Building Inspector Refresher Course

DOSH #:CA-015-06

Pedro Rodas

ABIR0427180002N15416

Paul Semper
Principal Instructor

Michael W. Horner
Training Director

4/27/2018	4/27/2018	4/27/2018	4/27/2019
Course Start Date	Course End Date	Exam Date	Expiration Date

This course satisfies the education requirements for Asbestos accreditation under the Toxic Substances Control Act, Title II. This course has been approved by the Department of Industrial Relations, Division of Occupational Safety and Health of the State of California

NATEC International, Inc.
National Association of Training and Environmental Consulting
1100 Technology Circle- Suite A, Anaheim, CA 92805 • www.natecintl.com • 800-969-3228

Important Industry Contacts

CAL-OSHA: Ph# (510) 574-2993
(916) 483-0572 Fax Notification
Web: www.dir.ca.gov or calosha.com

CDPH/CLPPB: Ph# (510) 620-5600
Web: www.cdph.ca.gov/programs/CLPPB

SCAQMD: Ph# (909) 396-1719
Fax#(909) 396-3342

BAAQMD: Ph# (415) 749-4702

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NATEC International, Inc.
National Association of Training and Environmental Consulting
*Note: Card is not suitable substitute for certificate and is not accepted by SCAQMD as proof of certification

This Card Acknowledges That
Pedro Rodas

Holds Training Certification For
Asbestos Building Inspector Refresher Course

(Valid for 12 months)

Training Date 4/27/2018
Certificate No. ABIR0427180002N15416

Michael W Horner
Training Director

Appendix II
Laboratory Reports and Chain of Custody Records

EMSL Analytical, Inc.

2700 W. Cypress Creek Rd. Ste. C108 Fort Lauderdale, FL 33309

Tel/Fax: (954) 786-9331 / (954) 941-4145

http://www.EMSL.com / pompanobeachlab@emsl.com

EMSL Order:	561805735
Customer ID:	AQE63
Customer PO:	
Project ID:	

Attention:	Paul LeBlanc	**Phone:**	(954) 214-2640
	AirQuest Environmental, Inc.	**Fax:**	(954) 792-2221
	6851 Southwest 45th Street	**Received Date:**	10/23/2018 10:20 AM
	Fort Lauderdale, FL 33314	**Analysis Date:**	10/23/2018
		Collected Date:	10/22/2018
Project:	2671 N. Federal Highway, Pompano - 14545		

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
4545-01 *561805735-0001*	Ceiling Tile	White Fibrous Homogeneous	10% Cellulose 80% Min. Wool	10% Non-fibrous (Other)	None Detected
4545-02 *561805735-0002*	Ceiling Tile	White Fibrous Homogeneous	10% Cellulose 80% Min. Wool	10% Non-fibrous (Other)	None Detected
4545-03 *561805735-0003*	Ceiling Tile	Gray/White Fibrous Homogeneous	3% Cellulose 90% Min. Wool	7% Non-fibrous (Other)	None Detected
4545-04 *561805735-0004*	Ceiling Tile	Brown/White Fibrous Homogeneous	65% Cellulose 15% Min. Wool	20% Non-fibrous (Other)	None Detected
4545-05 *561805735-0005*	Ceiling Tile	Tan/White Fibrous Homogeneous	70% Cellulose 10% Min. Wool	20% Non-fibrous (Other)	None Detected
4545-06 *561805735-0006*	Ceiling Tile	Brown/White Fibrous Homogeneous	75% Cellulose 5% Min. Wool	20% Non-fibrous (Other)	None Detected
4545-07 *561805735-0007*	Ceiling Tile	Gray/White Fibrous Homogeneous	70% Cellulose 10% Min. Wool	20% Non-fibrous (Other)	None Detected
4545-08-Ceramic Tile *561805735-0008*	Ceramic Floor Tile & Grout	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
4545-08-Grout *561805735-0008A*	Ceramic Floor Tile & Grout	Brown/Black Non-Fibrous Homogeneous	3% Cellulose	97% Non-fibrous (Other)	None Detected
4545-09-CeramicTile *561805735-0009*	Ceramic Floor Tile & Grout	Red Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
4545-09-Grout *561805735-0009A*	Ceramic Floor Tile & Grout	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
4545-10-Ceramic Tile *561805735-0010*	Ceramic Floor Tile & Grout	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
4545-10-Grout *561805735-0010A*	Ceramic Floor Tile & Grout	Gray/Black Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (Other)	None Detected
4545-11-Ceramic Tile *561805735-0011*	Ceramic Floor Tile & Grout	Red Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
4545-11-Grout *561805735-0011A*	Ceramic Floor Tile & Grout	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
4545-12-Drywall *561805735-0012*	Drywall System	Brown/White Fibrous Homogeneous	12% Cellulose <1% Glass	88% Non-fibrous (Other)	None Detected

Initial report from: 10/24/2018 08:32:19

EMSL Analytical, Inc.
2700 W. Cypress Creek Rd. Ste. C108 Fort Lauderdale, FL 33309
Tel/Fax: (954) 786-9331 / (954) 941-4145
http://www.EMSL.com / pompanobeachlab@emsl.com

EMSL Order: 561805735
Customer ID: AQE63
Customer PO:
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
4545-12-Joint Compound *561805735-0012A*	Drywall System	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	<1% Chrysotile
4545-13-Drywall *561805735-0013*	Drywall System	Brown/Beige Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
4545-13-Joint Compound *561805735-0013A*	Drywall System	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	<1% Chrysotile
4545-14-Drywall *561805735-0014*	Drywall System	Brown/White Fibrous Homogeneous	10% Cellulose 2% Glass	88% Non-fibrous (Other)	None Detected
4545-14-Joint Compound *561805735-0014A*	Drywall System	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	<1% Chrysotile
4545-15-Drywall *561805735-0015*	Drywall System	Brown/Gray Fibrous Homogeneous	10% Cellulose 2% Glass	88% Non-fibrous (Other)	None Detected
4545-15-Joint Compound *561805735-0015A*	Drywall System	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	<1% Chrysotile
4545-16-Drywall *561805735-0016*	Drywall System	Brown/Tan Fibrous Homogeneous	15% Cellulose	85% Non-fibrous (Other)	None Detected
4545-16-Joint Compound *561805735-0016A*	Drywall System	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	<1% Chrysotile
4545-17 *561805735-0017*	Gypsum Ceiling Tile	White/Black Fibrous Homogeneous	10% Cellulose 5% Glass	85% Non-fibrous (Other)	None Detected
4545-18 *561805735-0018*	Gypsum Ceiling Tile	Brown/White Fibrous Homogeneous	10% Cellulose 4% Glass	86% Non-fibrous (Other)	None Detected
4545-19 *561805735-0019*	Ceiling Tile	Gray/White Fibrous Homogeneous	45% Cellulose 45% Min. Wool	10% Non-fibrous (Other)	None Detected
4545-20 *561805735-0020*	Ceiling Tile	White/Beige Fibrous Homogeneous	70% Cellulose 15% Min. Wool	15% Non-fibrous (Other)	None Detected
4545-21-Fiber Panel *561805735-0021*	Glue	White Fibrous Homogeneous	80% Glass	20% Non-fibrous (Other)	None Detected
4545-21-Glue *561805735-0021A*	Glue	Brown Non-Fibrous Homogeneous	2% Cellulose	98% Non-fibrous (Other)	None Detected
4545-22-Fiber Panel *561805735-0022*	Glue	White Fibrous Homogeneous	70% Glass	30% Non-fibrous (Other)	None Detected
4545-22-Glue *561805735-0022A*	Glue	Tan Non-Fibrous Homogeneous	2% Cellulose	98% Non-fibrous (Other)	None Detected

Initial report from: 10/24/2018 08:32:19

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http://www.EMSL.com / pompanobeachlab@emsl.com

EMSL Order: 561805735
Customer ID: AQE63
Customer PO:
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
4545-23 *561805735-0023*	Ceramic Wall Tile & Grout	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
4545-24-Ceramic Tile *561805735-0024*	Ceramic Wall Tile & Grout	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
4545-24-Glue *561805735-0024A*	Ceramic Wall Tile & Grout	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
4545-25-Cove Base *561805735-0025*	Vinyl Floor Coving & Glue	White/Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
4545-25-Mastic *561805735-0025A*	Vinyl Floor Coving & Glue	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
4545-26-Cove Base *561805735-0026*	Vinyl Floor Coving & Glue	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
4545-26-Mastic *561805735-0026A*	Vinyl Floor Coving & Glue	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
4545-26-Mastic 2 *561805735-0026B*	Vinyl Floor Coving & Glue	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
4545-27-Roll Sheet *561805735-0027*	Roll Sheet & Glue	Red Fibrous Homogeneous	5% Glass	95% Non-fibrous (Other)	None Detected
4545-27-Glue *561805735-0027A*	Roll Sheet & Glue	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
4545-28-Roll Sheet *561805735-0028*	Roll Sheet & Glue	Red Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
4545-28-Glue *561805735-0028A*	Roll Sheet & Glue	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
4545-29 *561805735-0029*	Ceiling Tile	Gray/White Fibrous Homogeneous	5% Cellulose 85% Min. Wool	10% Non-fibrous (Other)	None Detected
4545-30 *561805735-0030*	Ceiling Tile	Gray/White Fibrous Homogeneous	5% Cellulose 85% Min. Wool	10% Non-fibrous (Other)	None Detected
4545-31 *561805735-0031*	Ceiling Tile	Gray/Tan Fibrous Homogeneous	3% Cellulose 90% Min. Wool	7% Non-fibrous (Other)	None Detected
4545-32 *561805735-0032*	Mastic	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
4545-33 *561805735-0033*	Mastic	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
4545-34 *561805735-0034*	Mastic	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
4545-35 *561805735-0035*	Mastic	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 10/24/2018 08:32:19

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http://www.EMSL.com / pompanobeachlab@emsl.com

EMSL Order: 561805735
Customer ID: AQE63
Customer PO:
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
4545-36 *561805735-0036*	Glue	Yellow Non-Fibrous Homogeneous	3% Synthetic	97% Non-fibrous (Other)	None Detected
4545-37 *561805735-0037*	Glue	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
4545-38 *561805735-0038*	Stucco	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
4545-39 *561805735-0039*	Stucco	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
4545-40 *561805735-0040*	Stucco	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
4545-41 *561805735-0041*	Stucco	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
4545-42 *561805735-0042*	Stucco	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
4545-43 *561805735-0043*	Stucco	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
4545-44 *561805735-0044*	Stucco	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
4545-45 *561805735-0045*	Caulk	Tan/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
4545-46 *561805735-0046*	Caulk	Gray/Tan/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
4545-47 *561805735-0047*	Caulk	Tan/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
4545-48 *561805735-0048*	Caulk	Tan/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Analyst(s)
Catalina Lachowski (31)
John Polanco (34)

Catalina Lachowski, Laboratory Manager
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. The above analyses were performed in general compliance with Appendix E to Subpart E of 40 CFR (previously EPA 600/M4-82-020 "Interim Method"), but augmented with procedures outlined in the 1993 ("final") version of the method. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. All samples received in acceptable condition unless otherwise noted. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. EMSL recommends gravimetric reduction for all non-friable organically bound materials prior to analysis. Estimation of uncertainty is available on request.

Samples analyzed by EMSL Analytical, Inc. Fort Lauderdale, FL NVLAP Lab Code 500085-0

Initial report from: 10/24/2018 08:32:19

561805735

AIR QUEST ENVIRONMENTAL, INC.
6851 Southwest 45th Street
Fort Lauderdale, FL 33314
Phone: 954/792-4549
Fax: 954/792-2221

Stop at First Positive: Yes (No)
Turnaround Time: 3 Hr.___; 6 Hr.___;
24 Hr. X; 72 Hr. ___; Other___
Email: Labresults@airquestinc.com

Sample Date: 10/22/18
Project Name: 2671 N Federal Hwy Pompano
Project Number: 14545
Surveyor: Pedro Rodas
Signature:

HA	Sample Number	HA Description	Sample Location	HA Location	Quantity	G/F/P	Dist. Pot.	Friable	Comments/Photo #
1	4545-01	2x2 ACT (Rough)	Dining Center.	T.O. Dining Area.	2000	G	L	Y	
1	02	↓	Dining East End.	↓	2000	↓	↓	Y	
1	03	↓	Dining West End.		2000			Y	
2	04	2x2 ACT (Waves)	East End.		60			Y	
2	05	↓	East End.		60			Y	
3	06	2x2 ACT (dots & Groin)	East End		24			Y	
3	07	↓	↓ East End	↓	24	↓		Y	
4	08	Gray 8"x8" CFT & grout	Dining West End.	Dining, Bathroom, Corridor	600	F		N	
4	09	↓	Bathroom Corridor.	↓	600			N	
5	10	Orange 4"x4" CFT & grout.	Dining Center Area.	Dining Area, Back Area	T.O			N	
5	11	↓	Back corridor.	↓	T.O.			N	
6	12	Drywall System @ Ceiling	Entrance Back Area.	Dining, Bathroom, Back.	950			Y	
6	13	↓	Bathroom Corridor.	↓	950			Y	
7	14	Drywall System @ Walls	Bathroom Corridor.	T. O.	T.O			Y	
7	15	↓	Storage 1	↓	T.O			Y	
7	16	↓	Storage 2.	↓	T.O.			Y	
8	17	2x2 ACT (Gypsum).	Dishwasher Area	Dishwasher Area	200			Y	
8	18	↓	↓	↓	200	↓	↓	Y	

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7955 8665 5619

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OrderID: 561805735

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6851 Southwest 45th Street
Fort Lauderdale, FL 33314
Phone: 954/792-4549
Fax: 954/792-2221

Stop at First Positive: Yes (No)
Turnaround Time: 3 Hr.___; 6 Hr.___;
24 Hr. X; 72 Hr. ___; Other___
Email: Labresults@airquestinc.com

Sample Date: 10/22/18
Project Name: 2671 N Federal Hwy Pompano
Project Number: 14545
Surveyor: Pedro Rodas
Signature:

HA	Sample Number	HA Description	Sample Location	HA Location	Quantity	G/F/P	Dist. Pot.	Friable	Comments/Photo #
9	4545-19	2x2 ACT Dots	Storage 1	Back Area	90	G	L	Y	
9	20	↓	Storage 1	↓	90.	G		Y	
10	21	Glue Behind. F.R.P.	by Office area	T.O. Back Area.	T.O			N	
10	22	↓	by Office area.	↓	T.O.			N	
11	23	Beige 3"x3" CWT & grout	Men Restroom	Bathrooms, W. Divins	700			N	
11	24	↓	Women Restroom.	↓	700			N	
12	25	Black 4" VFC & glue	Storage 2.	Storage 2, 3	20			N	
12	26	↓	Storage 3.	↓	20			N	
13	27	Red Roll Sheet & glue	↓	Storage 3	48			N	
13	28	↓	↓	↓	48	↓		N	
14	29	Tan 1'x1' ACT	Above Plenum. Divins	Above Plenum Divi. Center Area	1100	F		Y	
14	30	↓	↓	↓	1100			Y	
14	31	↓	↓	↓	1100			Y	
15	32	Brown Mastic. Plenum.	↓	↓	1100			N	
15	33	↓	↓	↓	1100			N	
16	34	White Mastic @ A/C Vent	Divins. Center Area.	T.O. Plenum.	110			N	
16	35	↓	Divins. East End.	↓	110.	↓		N	
17	36	Yellow Glue @ carpet.	Divins West End.	Divins Area.	2000	G	↓	N	

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Relinquished by: ___ Date & Time: ___
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OrderID: 561805735

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561805735

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6851 Southwest 45th Street
Fort Lauderdale, FL 33314
Phone: 954/792-4549
Fax: 954/792-2221

Stop at First Positive: Yes (No)
Turnaround Time: 3 Hr.___; 6 Hr.___;
24 Hr. X; 72 Hr. ___; Other___
Email: Labresults@airquestinc.com

Sample Date: 10/22/18
Project Name: 2671 N. Federal Hwy Pompano
Project Number: 14545
Surveyor: Pedro Rodas.
Signature:

HA	Sample Number	HA Description	Sample Location	HA Location	Quantity	G/F/P	Dist. Pot.	Friable	Comments/Photo #
17	4545-37	Yellow Glue @ carpet.	Dining. East End.	Dining Area.	2000	G	L	N	
18	38	Exterior Stucco.	North. Side.	T.O. Exterior.	T.O			N	
18	39	↓	North Side.	↓	T.O			N	
18	40		East Side		T.O.			N	
18	41		East Side.		T.O.			N	
18	42		South Side.		T.O			N	
18	43		West Side		T.O.			N	
18	44	↓	West Side		T.O.			N	
19	45	Ext. Door Caulk.	East Door.		1 ϕ			N	45 L.F
19	46	↓	North Door.		1 ϕ			N	45 L.F
20	47	Ext. Window Caulk	North Window		7 ϕ			N	290 L.F.
20	48	↓	North Window	↓	7 ϕ	↓	↓	N	290 L.F.

Relinquished by: Pedro Rodas Date & Time: 10/22/18
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OrderID: 561805735

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Phone/Fax: (954) 786-9331 / (954) 941-4145

http://www.EMSL.com / pompanobeachlab@emsl.com

EMSL Order:	561805746
Customer ID:	AQE63
Customer PO:	
Project ID:	

Attention:	Paul LeBlanc AirQuest Environmental, Inc. 6851 Southwest 45th Street Fort Lauderdale, FL 33314	**Phone:**	(954) 214-2640
		Fax:	(954) 792-2221
		Received:	10/24/2018 9:29 AM
		Analysis Date:	10/24/2018
		Collected:	10/22/2018
Project:	2671 N. Federal Highway, Pompano - 14545		

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy. Quantitation using 400 Point Count Procedure

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
4545-12 *561805746-0001*	Joint Compound	White Non-Fibrous Homogeneous		99.50% Non-fibrous (Other)	**0.50% Chrysotile**
4545-13 *561805746-0002*	Joint Compound	White Non-Fibrous Homogeneous		99.50% Non-fibrous (Other)	**0.50% Chrysotile**
4545-14 *561805746-0003*	Joint Compound	White Non-Fibrous Homogeneous		99.75% Non-fibrous (Other)	**0.25% Chrysotile**
4545-15 *561805746-0004*	Joint Compound	White Non-Fibrous Homogeneous		99.75% Non-fibrous (Other)	**0.25% Chrysotile**
4545-16 *561805746-0005*	Joint Compound	White Non-Fibrous Homogeneous		99.75% Non-fibrous (Other)	**0.25% Chrysotile**

Analyst(s)

John Polanco (5)

Catalina Lachowski, Laboratory Manager
or other approved signatory

Initial report from: 10/24/2018 16:35:33

Point Count: 561805746

561805735

AIR QUEST ENVIRONMENTAL, INC.
6851 Southwest 45th Street
Fort Lauderdale, FL 33314
Phone: 954/792-4549
Fax: 954/792-2221

Stop at First Positive: Yes (No)
Turnaround Time: 3 Hr.___; 6 Hr.___;
24 Hr. X; 72 Hr. ___; Other___
Email: Labresults@airquestinc.com

Sample Date: 10/22/18
Project Name: 2671 N Federal Hwy Pompano
Project Number: 14545
Surveyor: Pedro Rodas.
Signature:

HA	Sample Number	HA Description	Sample Location	HA Location	Quantity	G/F/P	Dist. Pot.	Friable	Comments/Photo #
1	4545-01	2x2 ACT (Rough)	Dining Center.	T.O. Dining Area.	2000	G	L	Y	
1	02	↓	Dining East End.	↓	2000	↓	↓	Y	
1	03	↓	Dining West End.	↓	2000	↓	↓	Y	
2	04	2x2 ACT (Waves)	East End.	↓	60	↓	↓	Y	
2	05	↓	East End.	↓	60	↓	↓	Y	
3	06	2x2 ACT (dots & Groh)	East End	↓	24	↓	↓	Y	
3	07	↓	East End	↓	24	↓	↓	Y	
4	08	Gray 8"x8" CFT & grout	Dining West End.	Dining, Bathroom, Corridor	600	F	↓	N	
4	09	↓	Bathroom Corridor.	↓	600	↓	↓	N	
5	10	Orange 4"x4" CFT & grout	Dining Center Area.	Dining Area, Back Area	T.O	↓	↓	N	
5	11	↓	Back corridor.	↓	T.O	↓	↓	N	
6	(12)	Drywall System @ Ceiling	Entrance Back Area.	Dining, Bathroom, Back.	950	↓	↓	Y	
6	(13)	↓	Bathroom Corridor.	↓	950	↓	↓	Y	
7	(14)	Drywall System @ Walls	Bathroom Corridor.	T. O.	T.O	↓	↓	Y	
7	(15)	↓	Storage. 1	↓	T.O	↓	↓	Y	
7	(16)	↓	Storage. 2.	↓	T.O.	↓	↓	Y	
8	17	2x2 ACT (Gypsum).	Dishwasher. Area	Dishwasher Area	200	↓	↓	Y	
8	18	↓	↓	↓	200	↓	↓	Y	

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561805735

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Fort Lauderdale, FL 33314
Phone: 954/792-4549
Fax: 954/792-2221

Stop at First Positive: Yes (No)
Turnaround Time: 3 Hr.___; 6 Hr.___;
24 Hr. X; 72 Hr. ___; Other___
Email: Labresults@airquestinc.com

Sample Date: 10/22/18
Project Name: 2671 N. Federal Hwy Pompano
Project Number: 14545
Surveyor: Pedro Rodas
Signature:

HA	Sample Number	HA Description	Sample Location	HA Location	Quantity	G/F/P	Dist. Pot.	Friable	Comments/Photo #
9	4545-19	2x2 ACT. Dots	Storage 1	Back Area	90	G	L	Y	
9	20	↓	Storage 1	↓	90.	G		Y	
10	21	Glue Behind. F.R.P.	by Office area	T.O. Back Area.	T.O			N	
10	22	↓	by office area.	↓	T.O.			N	
11	23	Beige 3'x3" CWT & glue	Men Restroom	Bathrooms, W. Drains	700			N	
11	24	↓	Women Restroom.	↓	700			N	
12	25	Black 4" VFC & glue	Storage 2.	Storage 2, 3	20			N	
12	26	↓	Storage 3.	↓	20			N	
13	27	Red Roll Sheet & glue	↓	Storage 3	48			N	
13	28	↓	↓	↓	48	↓		N	
14	29	Tan 1'x1' ACT	Above Plenum. Drains	Above Plenum Drains. Center West	1100	F		Y	
14	30	↓	↓	↓	1100	↑		Y	
14	31	↓	↓	↓	1100	↑		Y	
15	32	Brown Mastic. Plenum.	↓	↓	1100	↑		N	
15	33	↓	↓	↓	1100	↑		N	
16	34	White Mastic @ A/C duct	Drains. Center Area	T.O. Plenum.	110	↑		N	
16	35	↓	Drains. East End.	↓	110.	↓		N	
17	36	Yellow Glue @ carpet.	Drains West End.	Drains Area.	2000	G	↓	N	

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Received by: ___ Date & Time: ___
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Received by: M ___ Date & Time: ___

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OrderID: 561805746
OrderID: 561805735

561805735

AIR QUEST ENVIRONMENTAL, INC.
6851 Southwest 45th Street
Fort Lauderdale, FL 33314
Phone: 954/792-4549
Fax: 954/792-2221

Stop at First Positive: Yes (No)
Turnaround Time: 3 Hr.___; 6 Hr.___;
24 Hr. X; 72 Hr. ___; Other___
Email: Labresults@airquestinc.com

Sample Date: 10/22/18
Project Name: 2671 N. Federal Hwy Pompano
Project Number: 14545
Surveyor: Pedro Rodas.
Signature:

HA	Sample Number	HA Description	Sample Location	HA Location	Quantity	G/F/P	Dist. Pot.	Friable	Comments/Photo #
17	4545-37	Yellow Glue @ carpet.	Dining. East End.	Dining Area.	2000	G	L	N	
18	38	Exterior Stucco.	North. Side.	T.O. Exterior.	T.O			N	
18	39	↓	North Side.	↓	T.O			N	
18	40		East Side		T.O.			N	
18	41		East Side.		T.O.			N	
18	42		South Side.		T.O			N	
18	43		West Side		T.O.			N	
18	44		West Side.		T.O.			N	
19	45	Ext. Door Caulk.	East Door.		1 ea			N	45 LF
19	46	↓	North Door.		1 ea			N	45 L.F
20	47	Ext. Window Caulk	North Window		7 ea			N	290 L.F.
20	48	↓	North Window	↓	7 ea	↓	↓	N	290 L.F.

Relinquished by: Pedro Rodas Date & Time: 10/22/18
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OrderID: 561805746
OrderID: 561805735

EMSL Analytical, Inc.

2700 W. Cypress Creek Rd. Ste. C108 Fort Lauderdale, FL 33309

Tel/Fax: (954) 786-9331 / (954) 941-4145

http://www.EMSL.com / pompanobeachlab@emsl.com

EMSL Order:	561805751
Customer ID:	AQE63
Customer PO:	
Project ID:	

Attention: Paul LeBlanc
AirQuest Environmental, Inc.
6851 Southwest 45th Street
Fort Lauderdale, FL 33314

Project: 2671 N. Federal Highway, Pompano - 14545

Phone:	(954) 214-2640
Fax:	(954) 792-2221
Received Date:	10/24/2018 10:25 AM
Analysis Date:	10/24/2018 - 10/25/2018
Collected Date:	10/23/2018

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
4545-49 *561805751-0001*	BUR	Tan/White Fibrous Homogeneous	40% Cellulose 20% Synthetic 20% Glass	20% Non-fibrous (Other)	None Detected
4545-50 *561805751-0002*	BUR	Tan/Black Fibrous Homogeneous	40% Cellulose 20% Synthetic 20% Glass	20% Non-fibrous (Other)	None Detected
4545-51 *561805751-0003*	BUR	Brown/Black Fibrous Homogeneous	50% Cellulose 20% Synthetic 20% Glass	10% Non-fibrous (Other)	None Detected
4545-52 *561805751-0004*	BUR	Black Fibrous Homogeneous	5% Cellulose 15% Synthetic	80% Non-fibrous (Other)	None Detected
4545-53 *561805751-0005*	BUR	Black Fibrous Homogeneous	10% Cellulose 25% Synthetic	65% Non-fibrous (Other)	None Detected
4545-54 *561805751-0006*	Plaster	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
4545-55 *561805751-0007*	Plaster	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
4545-56 *561805751-0008*	Plaster	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
4545-57 *561805751-0009*	BUR	White/Black Fibrous Homogeneous	15% Cellulose 20% Synthetic	65% Non-fibrous (Other)	None Detected
4545-58 *561805751-0010*	BUR	Black Fibrous Homogeneous	25% Cellulose 15% Synthetic 10% Glass	50% Non-fibrous (Other)	None Detected
4545-59 *561805751-0011*	Pitch Pan	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
4545-60 *561805751-0012*	Pitch Pan	Gray/Black Non-Fibrous Homogeneous	3% Wollastonite	97% Non-fibrous (Other)	None Detected
4545-61 *561805751-0013*	BUR	Black Fibrous Homogeneous	15% Synthetic	85% Non-fibrous (Other)	None Detected
4545-62 *561805751-0014*	BUR	Black Fibrous Homogeneous	15% Synthetic	85% Non-fibrous (Other)	None Detected
4545-63 *561805751-0015*	Patch BUR	Tan/Black Fibrous Homogeneous	40% Cellulose 15% Synthetic	45% Non-fibrous (Other)	None Detected
4545-64 *561805751-0016*	Patch BUR	Black Fibrous Homogeneous	50% Cellulose 20% Synthetic	30% Non-fibrous (Other)	None Detected

Initial report from: 10/25/2018 09:37:25

EMSL Analytical, Inc.

2700 W. Cypress Creek Rd. Ste. C108 Fort Lauderdale, FL 33309

Tel/Fax: (954) 786-9331 / (954) 941-4145

http://www.EMSL.com / pompanobeachlab@emsl.com

EMSL Order:	561805751
Customer ID:	AQE63
Customer PO:	
Project ID:	

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
4545-65 *561805751-0017*	BUR	White/Black Fibrous Homogeneous	25% Synthetic	75% Non-fibrous (Other)	None Detected
4545-66 *561805751-0018*	BUR	Black Fibrous Homogeneous	20% Synthetic	80% Non-fibrous (Other)	None Detected
4545-67 *561805751-0019*	Mastic	White/Black Non-Fibrous Homogeneous		92% Non-fibrous (Other)	8% Chrysotile
4545-68 *561805751-0020*	Mastic	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
4545-69 *561805751-0021*	Mastic	Gray/Black Non-Fibrous Homogeneous	15% Cellulose	75% Non-fibrous (Other)	10% Chrysotile
4545-70 *561805751-0022*	Mastic	Black Non-Fibrous Homogeneous	15% Cellulose	85% Non-fibrous (Other)	None Detected
4545-71 *561805751-0023*	Shingle	Black Fibrous Homogeneous	30% Cellulose 30% Glass	40% Non-fibrous (Other)	None Detected
4545-72 *561805751-0024*	Shingle	Black Fibrous Homogeneous	30% Cellulose 30% Glass	40% Non-fibrous (Other)	None Detected
4545-73 *561805751-0025*	Shingle	Black Fibrous Homogeneous	30% Cellulose 30% Glass	40% Non-fibrous (Other)	None Detected
4545-74 *561805751-0026*	Shingle	Black Non-Fibrous Homogeneous	30% Cellulose 20% Glass	50% Non-fibrous (Other)	None Detected
4545-75 *561805751-0027*	Mastic	Black Fibrous Homogeneous	30% Cellulose	70% Non-fibrous (Other)	None Detected
4545-76 *561805751-0028*	Mastic	Black Fibrous Homogeneous	30% Cellulose	70% Non-fibrous (Other)	None Detected
4545-77 *561805751-0029*	Mastic	Black Fibrous Homogeneous	40% Cellulose	60% Non-fibrous (Other)	None Detected
4545-78 *561805751-0030*	Mastic	Black Non-Fibrous Homogeneous	30% Cellulose	70% Non-fibrous (Other)	None Detected

Analyst(s)

Catalina Lachowski (16)

John Polanco (14)

Catalina Lachowski, Laboratory Manager
or Other Approved Signatory

Initial report from: 10/25/2018 09:37:25

561805751

AIR QUEST ENVIRONMENTAL, INC.
6851 Southwest 45th Street
Fort Lauderdale, FL 33314
Phone: 954/792-4549
Fax: 954/792-2221

Stop at First Positive: Yes (No)
Turnaround Time: 3 Hr.___; 6 Hr.___;
24 Hr. X; 72 Hr. ___; Other___
Email: Labresults@airquestinc.com

Sample Date: 10/23/18
Project Name: 2671 N. Federal Hwy Pompano.
Project Number: 14545
Surveyor: Pedro R. / Nico N.
Signature:

HA	Sample Number	HA Description	Sample Location	HA Location	Quantity	G/F/P	Dist. Pot.	Friable	Comments/Photo #
21	4545-49	BUR Built UP Bitum Roof @ Membrane	East End.	T.O. Center Flat Roofs.	1320	F	L	N	
21	50	↓	North End.	↓	1520	↓	↓	N	
21	51	↓	NW End.	↓	1520	↓	↓	N	
22	52	BUR Built Up Bitumen @ flashing	West Parapet Area.	↓	384	↓	↓	N	
22	53	↓	North Parapet Area.	↓	384	↓	↓	N	
23	54	Plaster @ Parapet Wall	South Parapet.	↓	1200	↓	↓	N	
23	55	↓	North Parapet.	↓	1200	↓	↓	N	
23	56	↓	West Parapet.	↓	1200	↓	↓	N	
24	57	BUR @ Deck Penetration	South End.	↓	16	↓	↓	N	
24	58	↓	SW End.	↓	16	↓	↓	N	
25	59	Pitch Pan	Center Area.	↓	3	↓	↓	N	
25	60	↓	Center Area.	↓	3	↓	↓	N	
26	61	BUR. @ Drains	South. East.	↓	3	↓	↓	N	
26	62	↓	South. West.	↓	3	↓	↓	N	
27	63	Patch. BUR. Bitumen.	South. East	↓	105	↓	↓	N	
27	64	↓	South East.	↓	105	↓	↓	N	
28	65	BUR @ Vent Curbs	South. Unit.	↓	200	↓	↓	N	
28	66	↓	North. Unit.	↓	200	↓	↓	N	

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6851 Southwest 45th Street
Fort Lauderdale, FL 33314
Phone: 954/792-4549
Fax: 954/792-2221

Stop at First Positive: Yes (No)
Turnaround Time: 3 Hr.___; 6 Hr.___;
24 Hr. X 72 Hr. ___; Other___
Email: Labresults@airquestinc.com

Sample Date: 10/23/18
Project Name: 2671 N. Federal Hwy Pompano
Project Number: 14545
Surveyor: Pedro R. / Nico N.
Signature:

HA	Sample Number	HA Description	Sample Location	HA Location	Quantity	G/F/P	Dist. Pot.	Friable	Comments/Photo #
29	4545-67	White Mastic @ A/C unit	NW Area Units	T.O. Center Flat Roof	30	F	L	N	
29	68	↓	↓	↓	30	↓	↓	N	
30	69	Black Mastic @ A/C unit	↓	↓	20	↓	↓	N	
30	70	↓	↓	↓	20	↓	↓	N	
31	71	Shingle @ Sides Roof	South Side	T.O. Sides Roofs	4500	G	↓	N	
31	72	↓	North Side	↓	4500	↓	↓	N	
32	73	Shingle @ side Roof Edge	South Side	↓	220	↓	↓	N	
32	74	↓	North Side	↓	220	↓	↓	N	
33	75	Black Mastic Top parapet	NW Top Parapet	T.O. Center Flat Roof	192	F	↓	N	
33	76	↓	↓	↓	192	↓	↓	N	
34	77	Black Mastic @ Lower	South Side Lower	↓	100	↓	↓	N	
34	78	↓	↓	↓	100	↓	↓	N	

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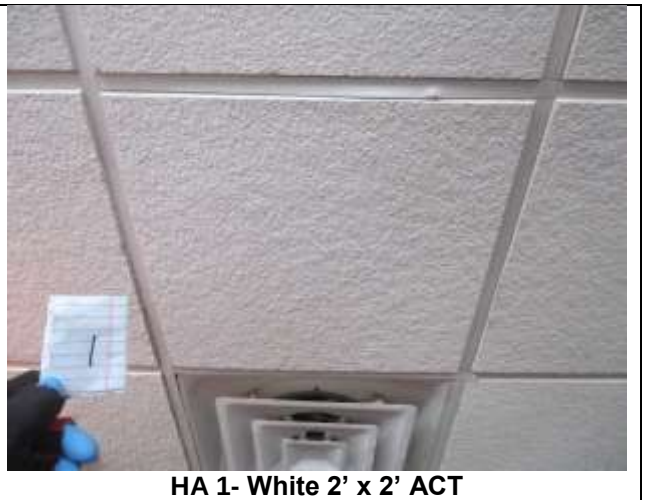
OrderID: 561805751

Appendix III
Photographs

Exterior



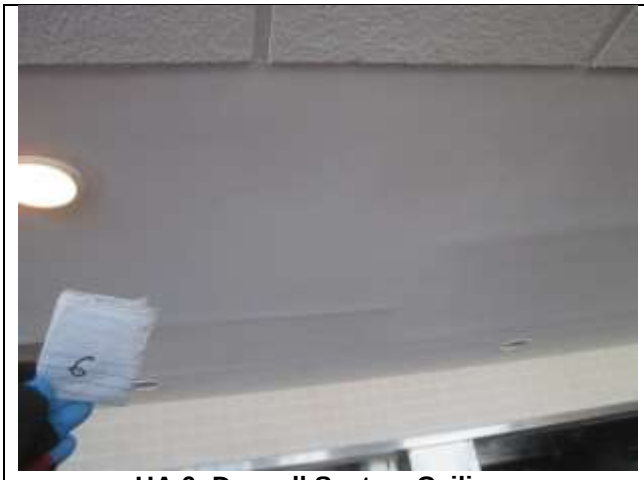
HA 1- White 2' x 2' ACT with Rough Finish

HA 2- White 2' x 2' ACT with Waves Pattern

HA 3- White 2' x 2' ACT with Dot/Gash Pattern

HA 4- Gray 8" x 8" Ceramic Floor Tile and Grout

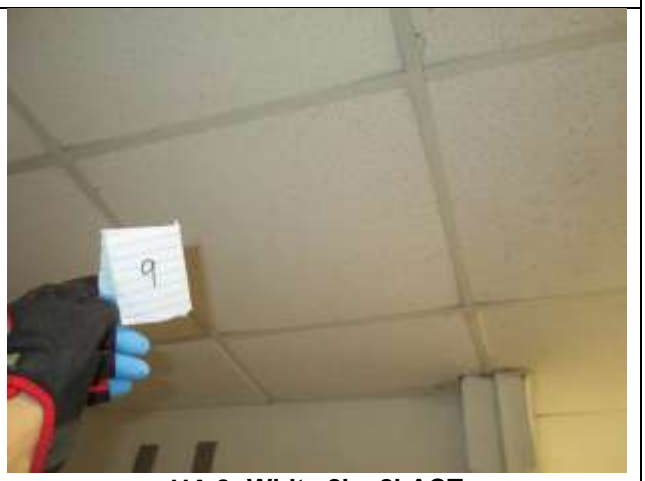
HA 5- Orange 4" x 4" Ceramic Floor Tile and Grout



HA 6- Drywall System Ceilings

HA 7- Drywall System Walls

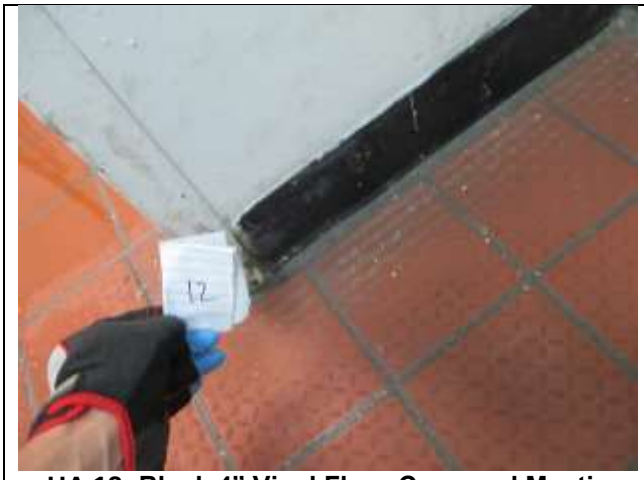
HA 8- White 2' x 2' Gypsum ACT



HA 9- White 2' x 2' ACT with Dot Pattern

HA 10- Fiberglass Rigid Wall Panel and Glue

HA 11- Beige 3" x 3" Ceramic Wall Tile and Glue



HA 12- Black 4" Vinyl Floor Cove and Mastic

HA 13- Red Rolled Sheet Flooring and Glue

HA 14- Tan 1' x 1" ACT Above Plenum

HA 15- Brown Mastic Above Plenum

HA 16- White Mastic at Air-Conditioner Vent

HA 17- Yellow Carpet Glue

HA 18- Exterior Stucco

HA 19- Exterior Door Caulk

HA 20- Exterior Window Caulk

HA 21- Built-Up Bituminous Roofing Material at Membrane

HA 22- Built-Up Bituminous Roofing Material at Flashing

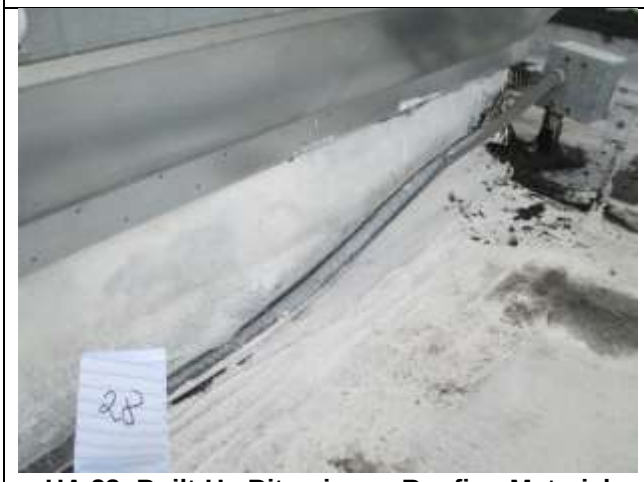
HA 23- Plaster at Parapet Walls

HA 24- Built-Up Bituminous Roofing Material at Deck Penetrations

HA 25- Pitch Pan Mastic

HA 26- Built-Up Bituminous Roofing Material at Drains

HA 27- Built-Up Bituminous Roofing Material Patch

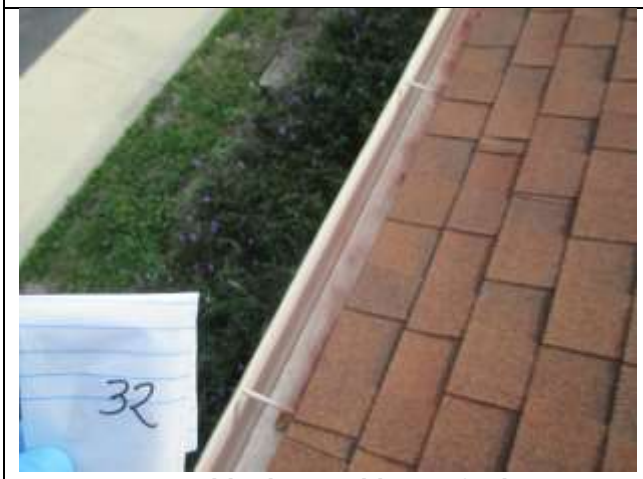


HA 28- Built-Up Bituminous Roofing Material at Vent Curbs

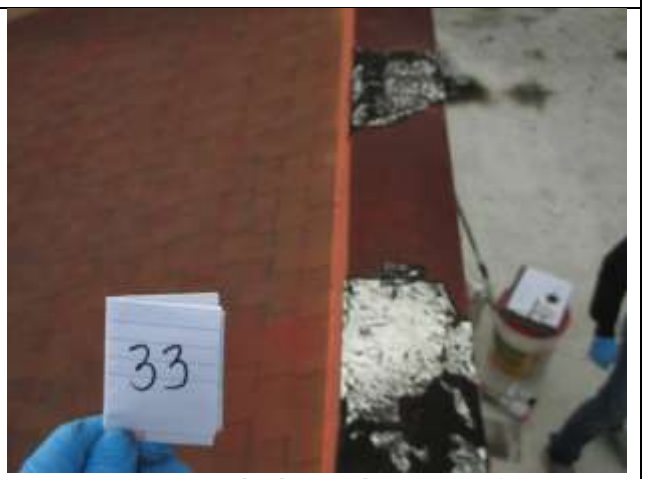
HA 29- White Mastic on Air-Conditioning Unit
Asbestos Containing Material

HA 30- Black Mastic on Air-Conditioning Unit
Asbestos Containing Material

HA 31- Shingles at Roof Sides



HA 32- Shingles at Side Roof Edges



HA 33- Black Mastic at Top of Parapet Wall

HA 34- Black Mastic at Louvers

Black Mastic Above Drywall System Ceiling
Assumed Asbestos Containing Material