

BSI LIMITED DEMOLITION | RENOVATION ASBESTOS SURVEY FINAL REPORT

FOR PROJECT:

ADDISON ATHLETIC CLUB
3900 BELTWAY DRIVE
ADDISON, TX 75001

BSI PROJECT NO:
2018-1566



RIGHTONSOLUTIONS, INC.

P.O. Box 573
Keller, Texas 76244
P – 817.564.3767
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RIGHTON SOLUTIONS, Inc.

October 22, 2018

Mr. Jason Shroyer
Town of Addison
16801 Westgrove Drive
Addison, TX 75001

BSI Project No. | 2018-1566
Limited Asbestos Demolition | Renovation Survey Report
Addison Athletic Club
3900 Beltway Drive
Addison, TX 75001

Dear Mr. Shroyer:

Brighton Solutions, Inc. (BSI) is pleased to have the opportunity of submitting this final report for **Limited Asbestos Demolition | Renovation Survey** services to **Town of Addison**. BSI's services, which are detailed in Section **2.0 Selected Services** on the following page, were conducted at the **Addison Athletic Club** (hereafter "Site") in **Designated Renovation Areas** (hereafter "Services Areas") located at **3900 Beltway Drive in Addison, TX**.

All supporting information for these services including Service Chain of Custodies, Drawings, Lab Reports, and Licenses can be found in the Appendices at the end of this report.

If you have any questions regarding these services or any other services BSI performs, please do not hesitate to contact either **Garey Hackney** at **817.564.3767** or by email at **garey@bsi-ntexas.com**, or **Jeff Hackney** at **940.206.3492** or by email at **jeff@bsi-ntexas.com**.

Respectfully,

Brighton Solutions, Inc.

Jeffrey Hackney, MAC, CETI, CIEC
Mold Assessment Consultant
TDLR License Number MAC1098
Expiration Date 2/18/2019
Certified Environmental Thermography Investigator™
Board-awarded by the American Indoor Air Quality Council™
Asbestos Inspector | Project Manager
DSHS License Number 602909 | 500532
Expiration Date 7/14/2020 | 7/16/2020
Certified Indoor Environmental Consultant™
Board-awarded by the American Indoor Air Quality Council™



Garey M. Hackney, MAC, CIEC
Mold Assessment Consultant
TDLR License Number MAC0120
Expiration Date 2/23/2020
Certified Indoor Environmental Consultant™
Board-awarded by the American Indoor Air Quality Council™
Individual Asbestos Consultant
DSHS License Number 105205
Expiration Date 2/24/2019





RIGHTON SOLUTIONS, Inc.

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1.0 Project Summary

	Client		Project	
	Town of Addison 16801 Westgrove Drive Addison, TX 75001		Addison Athletic Club 3900 Beltway Drive Addison, TX 75001	
Client Contact	Mr. Jason Shroyer	BSI Contact	Mr. Garey Hackney President	
Service Area(s)	Designated Renovation Areas			
Lab(s)	Moldlab Texas DSHS License No.: 300431			
Date(s) On Site	10/17/2018			
Summary of Samples Collected				
Total Number of ACM Samples	0			
Total Number of Bulk Samples	57			
BSI License				
Texas Department of Licensing and Regulations Mold Assessment Company License ACO1068		Texas Department of State Health Services Asbestos Consulting Company License 100498		

2.0 Selected Services

Services Provided
<input type="checkbox"/> Indoor Air Quality Sampling Services
<input type="checkbox"/> Initial Mold Assessment and Post Remediation Services
<input type="checkbox"/> Infrared Investigation Services
<input type="checkbox"/> Phase I Environmental Site Assessment Services
<input type="checkbox"/> Phase II Limited Subsurface Investigation Services
<input checked="" type="checkbox"/> Limited Asbestos Demolition Renovation Survey Services
<input type="checkbox"/> Asbestos Consulting and onsite Project Management and Air Monitoring Services

3.0 Background | History

BSI understands that selective demolition and/or renovation was conducted in the following Services Area(s):

Designated Renovation Areas

The scope of work will be further discussed in **4.0 Scope of Work**.

4.0 Scope of Work

Asbestos Renovation/Demolition Survey Services

The asbestos renovation/demolition survey services were conducted in compliance with the Texas Asbestos Health Protection Rules (TAHPR) (see 25 TAC §295.58) and generally in accordance with AHERA (the Asbestos Hazard Emergency Response Act of 1986, Public Law 99-519) sampling protocols (see 40 CFR §§ 763.86 and 763.88). BSI generally follows the sampling protocols in these regulations in an effort to collect representative samples of the various homogeneous areas of the suspect building materials in the CLIENT identified renovation/demolition areas at the Site.

1. Visual Inspection

BSI conducted a preliminary visual inspection of the renovation/demolition areas identified by the CLIENT to visually determine the presence of suspect asbestos-containing materials (ACM).

2. Assessment

If suspect ACM is identified, BSI visually inspected suspect ACM for variations in color, texture, thickness, and other characteristics to assist in determining the material's uniformity and homogeneous area.

3. Sampling

BSI collected samples for this limited asbestos survey from identified and reasonably accessible suspect ACM within renovation/demolition areas identified by the CLIENT. Areas not identified by the CLIENT, are out of the scope of this Renovation/Demolition Survey. Samples were collected in a statistically random manner that is representative of the homogeneous area. A minimum of three (3) samples were collected from each homogeneous area. Samples were collected by physically removing a small portion of the suspect material using a sharp instrument. Samples were collected by layers and placed in separate labeled containers and sealed. Each container was identified with a distinct sample identification number and immediately logged onto a chain-of-custody form. Sampling instruments were cleaned between each sample collected in order to mitigate cross-contamination between samples collected.

4. Analysis

BSI submitted the suspect ACM samples to a TSDHS licensed and National Voluntary Laboratory Accreditation Program (NVLAP) designated asbestos laboratory for analysis of asbestos content, if any. Unless the CLIENT specifies or otherwise directs BSI, all samples were analyzed using Polarized Light

Microscopy (PLM using the Environmental Protection Agency (EPA) “Interim Method for Determination of Asbestos in Bulk Insulation Samples” [40 CFR Chapter 1 (1-1-87 Edition) Part 763, Subpart F, Attachment III].

If the results of the bulk laboratory analysis reveal asbestos in percentages greater than one percent (1%), as defined in 40 CFR §61.141 NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS (NESHAP) as a positive identification, the material could be considered regulated asbestos containing material (RACM) depending upon the nature of the ACM and its coverage.

The Asbestos NESHAP states that RACM (as defined in 40 CFR §61.141) containing less than 10% asbestos should be verified by point counting. If bulk sampling analysis determines that asbestos content of a friable asbestos sample is less than 10%, the building owner may: (i) elect to assume the asbestos content to be greater than 1% and treat the material as RACM, or (ii) require verification of asbestos content by point counting. If a result obtained by point counting is different from a result obtained by visual estimation, the point count result will be used.

5. Final Report and Reliance

Upon receipt of the final laboratory analytical report, BSI prepared a final report summarizing in detail the results of its onsite services and the laboratory analytical results. If applicable, BSI included **estimated** quantities of asbestos-containing building materials (ACBM) identified within the renovation/demolition areas identified by the CLIENT. If requested by the CLIENT, BSI included recommendations for implementation prior to conducting any renovation/demolition activities at the Site. If requested by the CLIENT, BSI will also provide estimates for removal of identified ACM, removal asbestos management services and detail TDSHS notification requirements.

The Final Report rather than any preliminary or oral information provided, constitutes BSI’s Renovation/Demolition Survey Services of the renovation/demolition areas at the Site. The Final Report is prepared for the exclusive use of CLIENT solely for its use and reliance in the environmental assessment of this site. With the consent of BSI and CLIENT, BSI may (i) offer reliance to third parties **for a fee** and subject to the limitations and conditions of our Agreement for Professional Services (APS) or (ii) contract with other parties to develop findings and opinions related to such party’s unique risk management concerns. The liability limitation listed in BSI’s APS constitutes BSI’s aggregate liability as to the CLIENT and all relying parties.

5.0 Standard of Care | Legal Statements

Asbestos Renovation/Demolition Survey Services

BSI’s limited asbestos survey of the renovation/demolition areas identified by the CLIENT is prepared for the exclusive use of the CLIENT identified above to assist in the identification and/or management of ACM and RACM in the renovation/demolition areas identified by the CLIENT. BSI performed its services in a manner consistent with the level of care and expertise exercised by asbestos professionals performing the same or similar services at the same time and in the same geographic area. The Texas Department of State Health Services licenses BSI as a consultant agency (**License No. 10-0498**), and licensed inspectors performed the services.

Samples for this limited asbestos survey were collected from discrete sample locations within the CLIENT identified renovation/demolition areas at the Site. BSI attempted to obtain representative samples most likely to contain asbestos, however, findings and conclusions offered are necessarily limited by the number of samples taken and access provided for sampling activities. The results provided to the CLIENT cannot guarantee that no asbestos is present in any area(s) not sampled. This is not intended to be a comprehensive asbestos inspection of the site, nor is it intended to be used for evaluation of worker health and safety conditions. To determine whether regulated ACM is present at other locations not sampled herein, a comprehensive asbestos inspection of the site would be necessary.

Conclusions and recommendations for this survey, if any represent the professional opinions of the BSI personnel involved with the project. Results should not be considered as legal interpretation of existing federal, state or local environmental, health and safety laws or regulations. BSI assumes no responsibility or liability for errors in information or data provided by third party sources.

During the Services, BSI took reasonable precautions to prevent injury or loss to persons or property at the Site and minimize damage to the Site; however, BSI represents that invasive services, including, but not limited to, bulk material sampling, may damage or alter the Site. Site restoration is an out-of-scope service unless otherwise agreed in writing. It is understood and agreed that BSI shall not be responsible for the supervision or health and safety precautions or plans for any third parties, including subcontractors or other parties present at the Site.

6.0 Findings | Results

The results of the asbestos bulk samples collected on **10/17/2018** in **Designated Renovation Areas** are reflected below.

No regulated ACM was present in any of the samples collected. A list of the samples collected, and a drawing of sample locations are included in the Appendices for Laboratory Results and Site Drawings.

7.0 Conclusions | Recommendations

Prior to **any** demolition and/or renovation activities or other possible disturbance of building materials, BSI recommends the following:

- Identified ACM, including nonfriable ACM, *that will be disturbed by renovation or demolition activities* should be removed as soon as feasibly possible by appropriately licensed personnel and in accordance with applicable laws and regulations;
- Identified ACM which *will not be disturbed by renovation or demolition activities but which is damaged*, should be repaired or encapsulated (by appropriately licensed personnel and in accordance with applicable laws and regulations) to prevent future damage;
- *ACM to remain in place* should be enclosed in airtight impermeable barrier or encapsulated to prevent damage; and/or
- An *Asbestos Operation and Maintenance Program* should be implemented to manage existing ACM in place.

These recommendations only apply to the samples collected in these Service Areas, **Designated Renovation Areas**, as identified in this report. Areas outside of these Service Areas at the Site will also require a **Limited Asbestos Demolition | Renovation Survey** prior to any renovation and/or demolition that may be scheduled.

CLIENT: Town of Addison, 16801 Westgrove Drive, Addison, 16801 Westgrove Drive 75001
PROJECT: Addison Athletic Club, 3900 Beltway Drive, Addison, TX 75001

APPENDICES

CLIENT: Town of Addison, 16801 Westgrove Drive, Addison, 16801 Westgrove Drive 75001
PROJECT: Addison Athletic Club, 3900 Beltway Drive, Addison, TX 75001

APPENDIX A – (LABORATORY ANALYTICAL REPORTS)

CLIENT INFORMATION
Brighton Solutions
 P.O. Box 573
 Keller, Texas 76244

PROJECT INFORMATION
 Addison Athletic Club
 3900 Beltway Dr.
 Addison, Texas 75001
 Project No.: 2018-1566

PLM Exam Chain of Custody

Test code 7: PLM
 Improved Interim Method 40 CFR Part 763 Appendix E to subpart E



This test report contains the following sections: Cover and Report.

Brighton Solutions, Inc. Project # 2018 - 1566

CLIENT
 Town of Addison
 16801 Westgrove Dr.
 P.O. Box 9030
 Addison, Texas 75001
 P - (972) 450-2842 F - (972) 450-2811

PROJECT NAME
 Addison Athletic Club
 3900 Beltway Dr.
 Addison, Texas 75001
 P. F.

Asbestos Chain of Custody Collected by: Jeff Hackney Date/Time: 10/17/2018 License #: 105105
 Turn Around Time: Normal 24 Hour Same Day 4 Hour 2 Hour Comments:

Sample No.	Sample Location	Fraility	Package
1	2 1/2 Tattered Ceiling Tile - Lounge area, NE Side	1	
2			
3			
4	Gray Duct Seal Mastic - Below ceiling, NE side	2	
5	West Corridor side lounge area		
6	- AHH #1		
7	- AHH #2		
8	- AHH #3		
9	- AHH #4		
10	1" White Pipe Mastic - Lounge Area, NE Side	2	
11			
12			
13	1" White Pipe Mastic - Lounge Area, S Corridor	2	
14	- Area North from AHH Pipe		
15			
16	Vibration Dampers - AHH #1	3	
17	- AHH #2		
18	- AHH #3		
19	CMU Mortar - Outside AHH #5	3	
20	- S Side of Ball Entrance, E Side		
21			
22	Red Brick Mortar - Outside Pool Equipment Room	3	
23	- Hall Outside Pool Equipment Room, W Side		
24	- E Side		

Participated by: Jeff Hackney Date/Time: 10/17/2018 Received by: _____ Date/Time: _____
 Received by: _____ Date/Time: _____

D.O.C. 003 973 | Ft. Worth, Texas 76244
 P - (817) 364-3262 F - (817) 364-3263
 www.brightonsolutions.com

Samples Received
 OCT 17 2018

Page 1 of 25
 18-5273

FRAILITY CODES
 1 - To 2 - Handle With Care
 3 - Anything Not 1 or 2 - Others

Submitted By: Jeff Hackney | via: Hand Delivered | Submittal Date: 10/17/2018 | Sample Date: 10/17/2018 | Analysis Date: 10/19/2018 | Report Date: 10/22/2018 | Lab Job No.: 18-5273 | Technician: Luis Bustillos

Results apply only to samples tested. Results may not be reported or reproduced except in full without written approval of Moldlab. All samples were received in acceptable condition unless noted in the Tech Notes section. Field blank correction of results is not applied. An estimate of measurement uncertainty is provided upon request. Moldlab assumes no responsibility for sample collection or handling prior to receipt at the laboratory. This report does not express or imply interpretation of the results contained herein.
 MAC1098Report Approved by Kristina Rucker

Approved by:

Kristina Rucker, Lab Director



moldlab
 2501 Mayes Rd #110
 Carrollton, Texas 75006
 P - (972) 820-9373
 Toll Free (866) 416-6653
 Website - www.moldlab.com

CLIENT INFORMATION
Brighton Solutions
P.O. Box 573
Keller, Texas 76244

PROJECT INFORMATION
 Addison Athletic Club
 3900 Beltway Dr.
 Addison, Texas 75001
 Project No.: 2018-1566

PLM Exam Chain of Custody

Test code 7: PLM

Improved Interim Method 40 CFR Part 763 Appendix E to subpart E



This test report contains the following sections: Cover and Report.

Brighton Solutions, Inc. Project # 2018 - 1566

CLIENT
 Town of Addison
 16801 Westgrove Dr.
 P.O. Box 9230
 Addison, Texas 75001
 P - (972) 450-2842 F - (972) 450-2811

PROJECT NAME
 Addison Athletic Club
 3900 Beltway Dr.
 Addison, Texas 75001
 P - F -

Collected by: Jeff Hackney Date/Time: 10/17/2018 License #: 105205

Turn Around Time: Normal 24 Hour Same Day 4 Hour 2 Hour

Sample No.	Sample Location	Friskity	Footage
25	Junk Compound - Staff Area - NE corner by Door		
26	Small Footprint -		
27	Drywall -		
28	Junk Compound - NE Side by Outside Door		
29	Small Footprint -		
30	Drywall -		
31	Junk Compound - NE Side		
32	Small Footprint -		
33	Drywall -		
34	Unfinished Drywall - Electrical Room upstairs by Gym		
35	-		
36	-		
37	- Mechanical Room Upstairs by Gym		
38	-		
39	-		
40	Junk Compound - Mens Lockerroom Ceiling (AHL) - by the Entrance		
41	-		
42	Drywall -		
43	Junk Compound -		
44	Drywall -		
45	Drywall -		
46	Junk Compound -		
47	Drywall -		
48	Drywall -		

Retiquished by: Jeff Hackney Date/Time: 10/17/2018 1:40 Received by: [Signature] Date/Time: [Blank]

Retiquished by: [Signature] Date/Time: [Blank] Received by: [Blank] Date/Time: [Blank]

18-5273

Submitted By: Jeff Hackney | via: Hand Delivered | Submittal Date: 10/17/2018 | Sample Date: 10/17/2018 | Analysis Date: 10/19/2018 | Report Date: 10/22/2018 | Lab Job No.: 18-5273 | Technician: Luis Bustillos

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Approved by: [Signature]

Kristina Rucker, Lab Director



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 2501 Mayes Rd #110
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CLIENT INFORMATION
Brighton Solutions
P.O. Box 573
Keller, Texas 76244

PROJECT INFORMATION
 Addison Athletic Club
 3900 Beltway Dr.
 Addison, Texas 75001
 Project No.: 2018-1566

PLM Exam Chain of Custody

Test code 7: PLM
 Improved Interim Method 40 CFR Part 763 Appendix E to subpart E



This test report contains the following sections: Cover and Report.

Brighton Solutions, Inc. Project # 2018 - 1566

CLIENT
 Town of Addison
 16801 Westgrove Dr.
 P.O. Box 8010
 Addison, Texas 75001
 P - (972) 450-2842 F - (972) 450-2811

PROJECT NAME
 Addison Athletic Club
 3900 Beltway Dr.
 Addison, Texas 75001
 P. #.

Asbestos Chain of Custody Collected by: Jeff Hackney Date/Time: 10/17/2018 License #: 105105
 Turn Around Time Normal 24 Hour Same Day 4 hour 2 Hour Comments:

Sample No.	Sample Location	Friskity	Feetage
49	Black Pipe Mash2 - Min's Locker room AHA Plaza		2
50	-		
51	-		
52	Grey Duct Seam Mash2 -		
53	-		
54	-		
55	Black Duct Mash2 - Lounge Area, NE Corner		2
56	-		
57	-		

Requested by: Jeff Hackney Date/Time: 10/17/2018 Received by: _____ Date/Time: _____
 Requested by: _____ Date/Time: _____ Received by: _____ Date/Time: _____

LABORATORY INFORMATION
 D.L. Box 5273 | Keller, Texas 76244
 P - (817) 866-3123 | F - _____
 www.bsl-solutions.com

Samples Received
 OCT 17 2018
 Page 3 of 2

FRISKITY CODES
 1. 10 2. 10 3. 10 4. 10 5. 10 6. 10 7. 10 8. 10 9. 10 10. 10 11. 10 12. 10 13. 10 14. 10 15. 10 16. 10 17. 10 18. 10 19. 10 20. 10 21. 10 22. 10 23. 10 24. 10 25. 10 26. 10 27. 10 28. 10 29. 10 30. 10 31. 10 32. 10 33. 10 34. 10 35. 10 36. 10 37. 10 38. 10 39. 10 40. 10 41. 10 42. 10 43. 10 44. 10 45. 10 46. 10 47. 10 48. 10 49. 10 50. 10 51. 10 52. 10 53. 10 54. 10 55. 10 56. 10 57. 10 58. 10 59. 10 60. 10 61. 10 62. 10 63. 10 64. 10 65. 10 66. 10 67. 10 68. 10 69. 10 70. 10 71. 10 72. 10 73. 10 74. 10 75. 10 76. 10 77. 10 78. 10 79. 10 80. 10 81. 10 82. 10 83. 10 84. 10 85. 10 86. 10 87. 10 88. 10 89. 10 90. 10 91. 10 92. 10 93. 10 94. 10 95. 10 96. 10 97. 10 98. 10 99. 10 100. 10

18-5273

Submitted By: Jeff Hackney | via: Hand Delivered | Submittal Date: 10/17/2018 | Sample Date: 10/17/2018 | Analysis Date: 10/19/2018 | Report Date: 10/22/2018 | Lab Job No.: 18-5273 | Technician: Luis Bustillos

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 MAC1098Report Approved by Kristina Rucker

Approved by:

Kristina Rucker, Lab Director



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Brighton Solutions
P.O. Box 573
Keller, Texas 76244

PROJECT INFORMATION
 Addison Athletic Club
 3900 Beltway Dr.
 Addison, Texas 75001
 Project No.: 2018-1566

Report

Test code 7: PLM
 EPA 600/R-93/116 and/or EPA – Appendix E
 to Subpart E of Part 763 – Interim Method
 of the Determination of Asbestos in Bulk
 Insulation Samples



This test report contains the following sections: Cover and Report.

Sample Identifier*	Location	Layer Type	Characteristics	Asbestos	Non-Asbestos		Comments	Point Count
					Fibrous	Non-Fibrous		
1-1-a	2x2 Textured Ceiling Tile- Lounge area, NE Side	Ceiling Tile	Homog., Multi, Fib.	NAD	40% Cellulose 10% Mineral Wool	50%		
2-1-a	2x2 Textured Ceiling Tile- Lounge area, SE Side	Ceiling Tile	Homog., Multi, Fib.	NAD	40% Cellulose 20% Mineral Wool	40%		
3-1-a	2x2 Textured Ceiling Tile- Lounge area, North Center	Ceiling Tile	Homog., Multi, Fib.	NAD	40% Cellulose 20% Mineral Wool	40%		
4-1-a	Grey Duct Seam Mastic- Lounge area, Above Ceiling SE Side	Mastic	Homog., Grey, Non-Fib.	NAD		100%		
5-1-a	Grey Duct Seam Mastic- West Center Side Lounge Area	Mastic	Homog., Grey, Non-Fib.	NAD		100%		
6-1-a	Grey Duct Seam Mastic- AHU #1	Mastic	Homog., Grey, Non-Fib.	NAD		100%		
7-1-a	Grey Duct Seam Mastic- AHU #2	Mastic	Homog., Grey, Fib.	NAD	< 1% Cellulose	100%		
8-1-a	Grey Duct Seam Mastic- AHU #3	Mastic	Homog., Grey, Fib.	NAD	< 1% Cellulose	100%		
9-1-a	Grey Duct Seam Mastic- AHU #4	Mastic	Homog., Grey, Fib.	NAD	< 1% Cellulose	100%		
10-1-a	1" White Pipe Mastic- Lounge Area Closet Above Ceiling	Mastic	Homog., Off-White, Fib.	NAD	2% Cellulose	98%		
11-1-a	1" White Pipe Mastic- Lounge Area Closet Above Ceiling NE Side	Mastic	Homog., Off-White, Fib.	NAD	20% Fibrous Glass < 1% Cellulose	80%		
12-1-a	1" White Pipe Mastic- Lounge Area Closet Above Ceiling NE Side	Mastic	Homog., Off-White, Fib.	NAD	10% Fibrous Glass 3% Cellulose	87%		
13-1-a	4" White Pipe Mastic- Lounge Area, S. Center	Mastic	Homog., Off-White, Fib.	NAD	< 1% Cellulose	100%		
14-1-a	4" White Pipe Mastic- Gym Mech Room AHU Pipe	Mastic	Homog., Off-White, Fib.	NAD	< 1% Cellulose	100%		
15-1-a	4" White Pipe Mastic- Gym Mech Room AHU Pipe	Mastic	Homog., Off-White, Fib.	NAD	< 1% Cellulose	100%		
16-1-a	Vibration Dampners- AHU #1	Dampner	Homog., Black, Fib.	NAD	20% Synthetic	80%		
17-1-a	Vibration Dampners- AHU #2	Dampner	Homog., Black, Fib.	NAD	40% Fibrous Glass	60%		
18-1-a	Vibration Dampners- AHU #3	Dampner	Homog., Black, Fib.	NAD	20% Synthetic	80%		
19-1-a	CMU Mortar- Outside AHU #5	Mortar	Homog., Cream, Non-Fib.	NAD		100%		
20-1-a	CMU Mortar- S Side of Pool Entrance, E Side	Mortar	Homog., Cream, Non-Fib.	NAD		100%		
21-1-a	CMU Mortar- S Side of Pool Entrance, W Side	Mortar	Homog., Cream, Non-Fib.	NAD		100%		

Tech Notes:

This test report contains the following sections: Cover and Report.

Sample Identifier*	Location	Layer Type	Characteristics	Asbestos		Non-Asbestos		Comments	Point Count
				Fibrous	Non-Fibrous	Fibrous	Non-Fibrous		
22-1-a	Red Brick Mortar- Outside Pool Equipment Room	Mortar	Homog., Red, Non-Fib.	NAD		100%			
23-1-a	Red Brick Mortar- Hall Outside Pool Equipment Room, W Side	Mortar	Homog., Red, Non-Fib.	NAD		100%			
24-1-a	Red Brick Mortar- Hall Outside Pool Equipment Room, E Side	Mortar	Homog., Red, Non-Fib.	NAD		100%			
25-1-a	Joint Compound- Staff Area - NE Corner by Door	Joint Comp.	Homog., Off-White, Non-Fib.	NAD		100%			
26-1-a	Sand Texture- Staff Area - NE Corner by Door	Texture	Homog., Grey, Non-Fib.	NAD		100%			
27-1-a	Drywall- Staff Area - NE Corner by Door	Drywall	Homog., Multi, Fib.	NAD	40% Cellulose < 1% Fibrous Glass	60%			
28-1-a	Joint Compound- Staff Area - NE Side by Outside Door	Joint Comp.	Homog., Off-White, Non-Fib.	NAD		100%			
29-1-a	Sand Texture- Staff Area - NE Side by Outside Door	Texture	Homog., Off-White, Non-Fib.	NAD		100%			
30-1-a	Drywall- Staff Area - NE Side by Outside Door	Drywall	Homog., Multi, Fib.	NAD	3% Cellulose < 1% Fibrous Glass	97%			
31-1-a	Joint Compound- Staff Area - NE Side	Joint Comp.	Homog., Off-White, Non-Fib.	NAD		100%			
32-1-a	Sand Texture- Staff Area - NE Side	Texture	Homog., Off-White, Non-Fib.	NAD		100%			
33-1-a	Drywall - Staff Area- NE Side	Drywall	Homog., Off-White, Non-Fib.	NAD		100%			
34-1-a	Unfinished Drywall- Electrical Room Upstairs by Gym	Drywall	Homog., Multi, Fib.	NAD	85% Cellulose 2% Fibrous Glass	13%			
35-1-a	Unfinished Drywall- Electrical Room Upstairs by Gym	Drywall	Homog., Multi, Fib.	NAD	85% Cellulose < 1% Fibrous Glass	15%			
36-1-a	Unfinished Drywall- Electrical Room Upstairs by Gym	Drywall	Homog., Multi, Fib.	NAD	20% Cellulose < 1% Fibrous Glass	80%			
37-1-a	Unfinished Drywall- Mechanical Room Upstairs by Gym	Drywall	Homog., Multi, Fib.	NAD	15% Fibrous Glass	85%			
38-1-a	Unfinished Drywall- Mechanical Room Upstairs by Gym	Drywall	Homog., Multi, Fib.	NAD	15% Fibrous Glass	85%			
39-1-a	Unfinished Drywall- Mechanical Room Upstairs by Gym	Drywall	Homog., Multi, Fib.	NAD	15% Fibrous Glass	85%			
40-1-a	Joint Compound- Men's Locker room Ceiling (AHU) - By Pool Entrance	Joint Comp.	Homog., Off-White, Non-Fib.	NAD		100%			
41-1-a	Smooth Finish Coat- Men's Locker room Ceiling (AHU) - By Pool Entrance	Finish Coat	Homog., Off-White, Non-Fib.	NAD		100%			
42-1-a	Drywall- Men's Locker room Ceiling (AHU) - By Pool Entrance	Drywall	Homog., Off-White, Fib.	NAD	< 1% Fibrous Glass	100%			
43-1-a	Joint Compound- Men's Locker room Ceiling (AHU) - By Pool Entrance	Joint Comp.	Homog., Off-White, Non-Fib.	NAD		100%			

Tech Notes:

This test report contains the following sections: Cover and Report.

Sample Identifier*	Location	Layer Type	Characteristics	Asbestos		Non-Asbestos		Comments	Point Count
				Fibrous	Non-Fibrous	Fibrous	Non-Fibrous		
44-1-a	Smooth Finish Coat- Men's Locker room Ceiling (AHU) - By Pool Entrance	Finish Coat	Homog., Off-White, Non-Fib.	NAD		100%			
45-1-a	Drywall- Men's Locker room Ceiling (AHU) - By Pool Entrance	Drywall	Homog., Off-White, Non-Fib.	NAD		100%			
46-1-a	Joint Compound- Men's Locker room Ceiling (AHU) - By Pool Entrance	Joint Comp.	Homog., Off-White, Non-Fib.	NAD		100%			
47-1-a	Smooth Finish Coat- Men's Locker room Ceiling (AHU) - By Pool Entrance	Finish Coat	Homog., Off-White, Non-Fib.	NAD		100%			
48-1-a	Drywall- Men's Locker room Ceiling (AHU) - By Pool Entrance	Drywall	Homog., Multi, Fib.	NAD	5% Cellulose	95%			
49-1-a	White Pipe Mastic- Men's Locker room AHU Plenum	Mastic	Homog., Cream, Fib.	NAD	< 1% Cellulose	100%			
50-1-a	White Pipe Mastic- Men's Locker room AHU Plenum	Mastic	Homog., Off-White, Fib.	NAD	2% Cellulose	98%			
51-1-a	White Pipe Mastic- Men's Locker room AHU Plenum	Mastic	Homog., Beige, Fib.	NAD	< 1% Fibrous Glass < 1% Cellulose	100%			
52-1-a	Gray Duct Seam Mastic- Men's Locker room AHU Plenum	Mastic	Homog., Brown, Fib.	NAD	< 1% Mineral Wool	100%			
53-1-a	Gray Duct Seam Mastic- Men's Locker room AHU Plenum	Mastic	Homog., Brown, Fib.	NAD	< 1% Cellulose	100%			
54-1-a	Gray Duct Seam Mastic- Men's Locker room AHU Plenum	Mastic	Homog., Brown, Fib.	NAD	< 1% Cellulose	100%			
55-1-a	Black Duct Mastic- Lounge Area, NE Corner	Mastic	Homog., Black, Fib.	NAD	< 1% Cellulose	100%			
56-1-a	Black Duct Mastic- Lounge Area, NE Corner	Mastic	Homog., Black, Fib.	NAD	< 1% Fibrous Glass < 1% Cellulose	100%			
57-1-a	Black Duct Mastic- Lounge Area, NE Corner	Mastic	Homog., Black, Fib.	NAD	< 1% Cellulose	100%			

Tech Notes:

Submitted By: Jeff Hackney | via: Hand Delivered | Submittal Date: 10/17/2018 | Sample Date: 10/17/2018 | Report Date: 10/22/2018 | Lab Job No.: 18-5273 | Analyst: Luis Bustillos

'NAD' indicates 'No Asbestos Detected'. Results only apply to samples tested. All samples were received in acceptable condition unless noted in the sample comment section. Results may not be reported or reproduced, except in full, without prior written approval from Moldlab, Ltd. Moldlab, Ltd. assumes no responsibility for sample collection or handling prior to receipt at the laboratory. The test report should not be used to claim product certification, approval, or endorsement by NVLAP, NIST, or any other agency of the U.S. government. Estimated uncertainty of measurement data is available upon request. Samples will be disposed of 90 days after the results have been reported. * The sample identified is the Client Sample Number followed by the Lab Sample Number followed by a letter to indicate the layer. LAB300431 by the Texas Department of State Health Services

Test Code 7 Report Rev. 0

Analyst / Approved Signatory Signature:



Luis Bustillos, Technical Manager

moldlab
 2501 Mayes Rd #110
 Carrollton, Texas 75006
 P - (972) 820-9373
 Toll Free (866) 416-6653
 Website - www.moldlab.com

CLIENT: Town of Addison, 16801 Westgrove Drive, Addison, 16801 Westgrove Drive 75001
PROJECT: Addison Athletic Club, 3900 Beltway Drive, Addison, TX 75001

APPENDIX B – (SITE DRAWINGS)

Figure 2

CLIENT:

TOWN OF ADDISON

16801 Westgrove Drive
PO Box 9010
Addison, Texas 75001

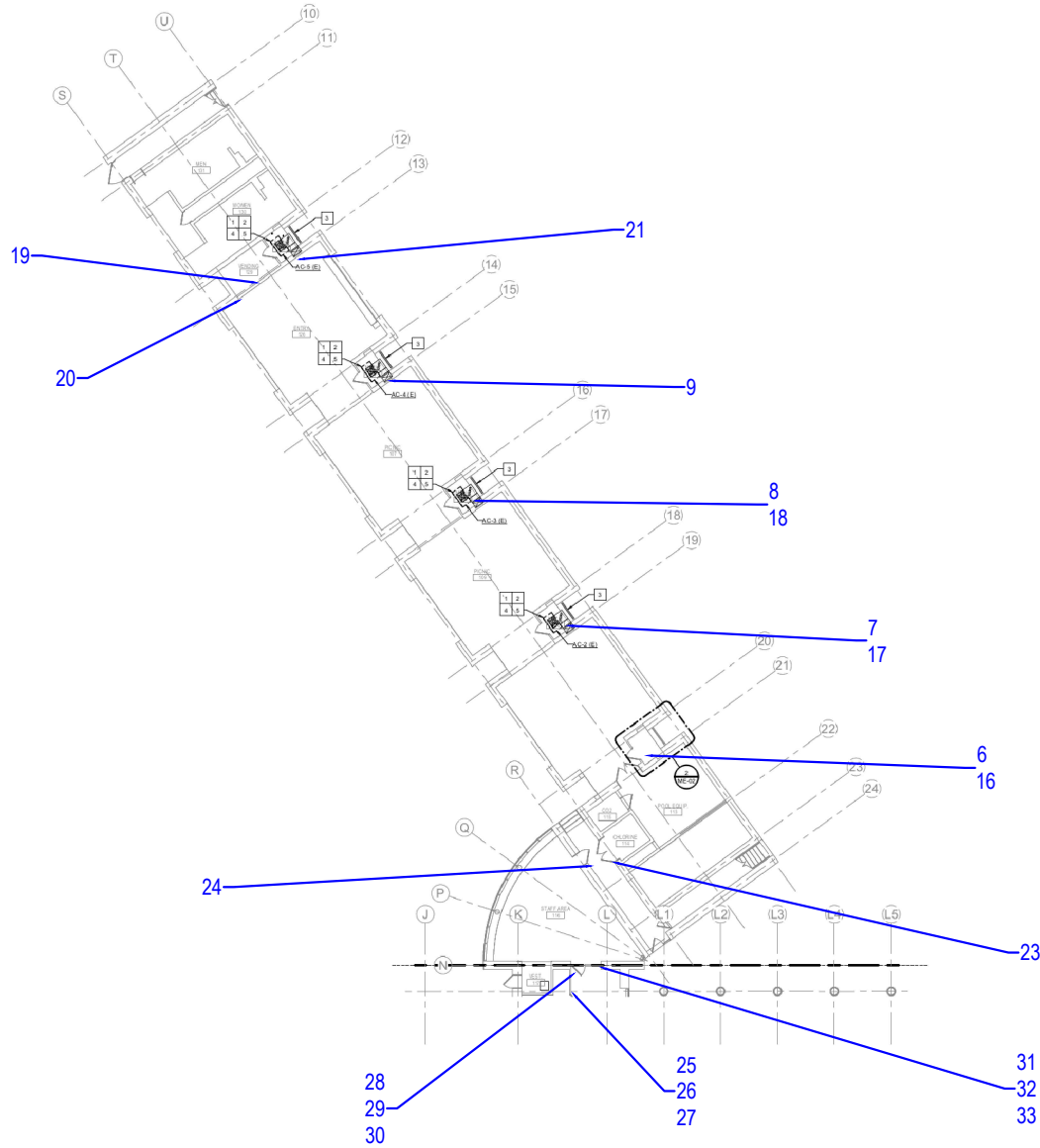
SITE:

Addison Athletic Club

3900 Beltway Drive
Addison, Texas 75001

TITLE:

LOCATION OF
SURVEY SAMPLES



Location of
Bulk Sample



Drawing By: NRH
Approved By: GMH
Scale: NTS
Submitted: 10/18/2018
BSI 2018-1566



P.O. Box 573
Keller, Texas
940-206-3492
WWW.BSI-NTXAS.COM

Figure 3

CLIENT:

TOWN OF ADDISON

16801 Westgrove Drive
PO Box 9010
Addison, Texas 75001

SITE:

Addison Athletic Club

3900 Beltway Drive
Addison, Texas 75001

TITLE:

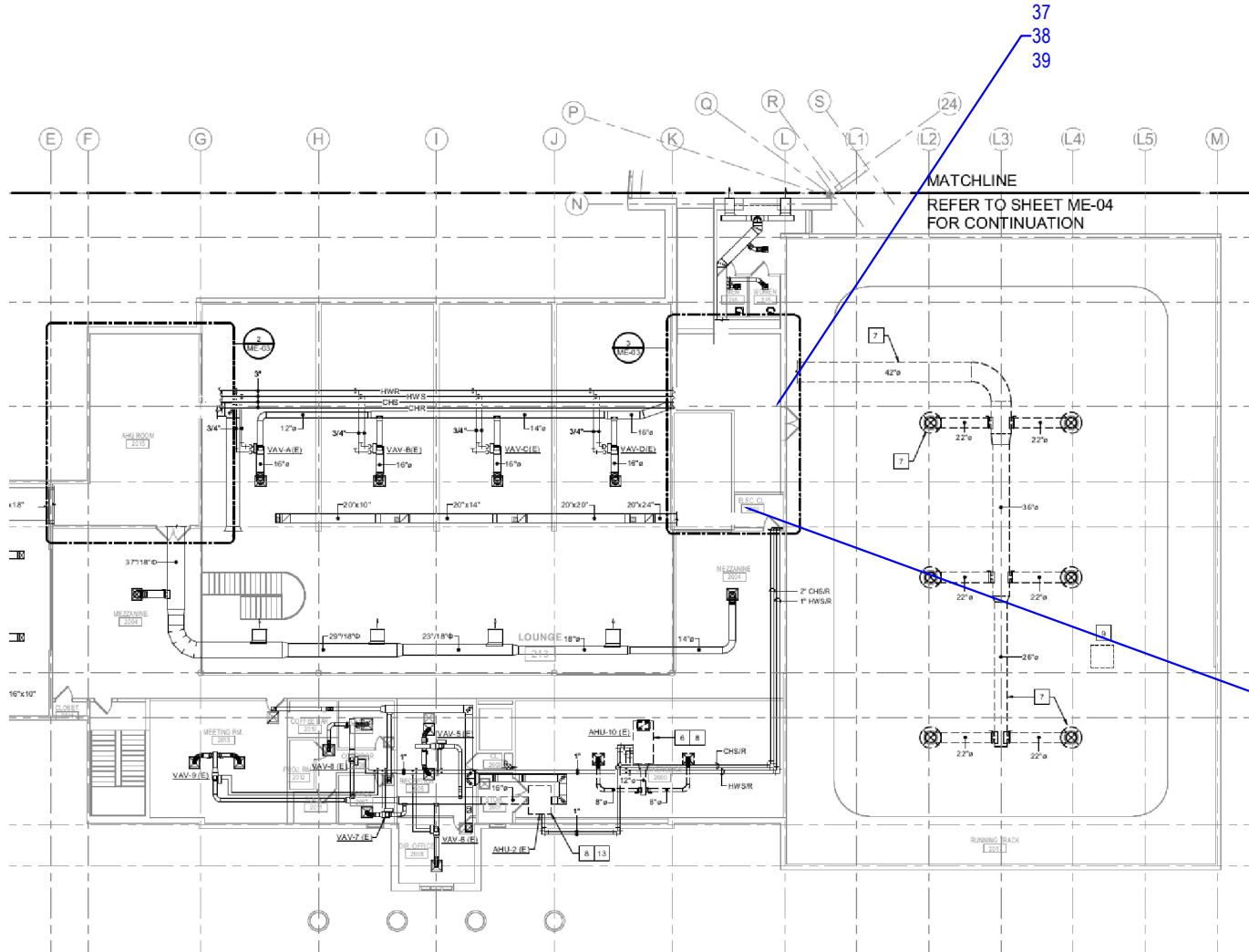
LOCATION OF
SURVEY SAMPLES

Location of
Bulk Sample



Drawing By: NRH
Approved By: GMH
Scale: NTS
Submitted: 10/18/2018
BSI 2018-1566

P.O. Box 573
Keller, Texas
940-206-3492
WWW.BSI-NTXAS.COM



CLIENT: Town of Addison, 16801 Westgrove Drive, Addison, 16801 Westgrove Drive 75001
PROJECT: Addison Athletic Club, 3900 Beltway Drive, Addison, TX 75001

APPENDIX C – (LICENSES | CERTIFICATIONS | TRAINING)



TEXAS DEPARTMENT OF STATE HEALTH SERVICES

BRIGHTON SOLUTIONS INC

is certified to perform as a

Asbestos Consultant Agency

in the State of Texas within the purview of Texas Occupations Code, chapter 1954, so long as this license is not suspended or revoked and is renewed according to the rules adopted by the Texas Board of Health.

A handwritten signature in cursive script, appearing to read "John Hellerstedt", written over a horizontal line.

JOHN HELLERSTEDT, M.D.
COMMISSIONER OF HEALTH

License Number: 100498

Control Number: 96974

Expiration Date: 3/3/2019

(Void After Expiration Date)

VOID IF ALTERED NON-TRANSFERABLE



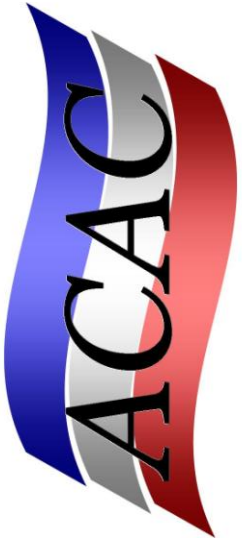
DEPARTMENT OF HEALTH SERVICES

Health Services

Asbestos Individual Consultant

GAREY M HACKNEY
License No. 105205
Control No. 97136
Expiration Date: 2/24/2019





American Council for Accredited Certification

hereby certifies that

Garey M. Hackney

has met all the specific standards and qualifications of the re-certification process,
including continued professional development, and is hereby re-certified as a

CIEC

**Council-certified
Indoor Environmental Consultant**

This certificate expires on February 28, 2019.

0702134

Charles F. Wiles, Executive Director

Certificate Number

This certificate remains the property of the American Council for Accredited Certification.



Texas Department of State Health Services

Asbestos Project Manager

JEFFREY M HACKNEY

License No. 500532

Control No. 98002

Expiration Date: 7/16/2020



Texas Department of State Health Services

Asbestos Air Monitoring Technician

JEFFREY M HACKNEY

License No. 705392

Control No. 98166

Expiration Date: 7/16/2020



Texas Department of State Health Services

Asbestos Inspector

JEFFREY M HACKNEY

License No. 602909

Control No. 98999

Expiration Date: 7/14/2020





American Council for Accredited Certification

hereby certifies that

Jeffrey M. Hackney

has met all the specific standards and qualifications of the certification process
and is hereby certified as a

CIEC

**Council-certified
Indoor Environmental Consultant**

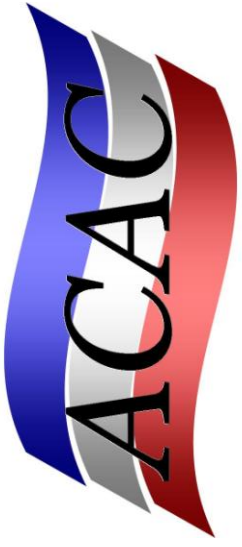
This certificate expires on September 30, 2019.

1709015

Charles F. Wiles, Executive Director

Certificate Number

This certificate remains the property of the American Council for Accredited Certification.



American Council for Accredited Certification

hereby certifies that

Jeffrey M. Hackney

has met all the specific standards and qualifications of the re-certification process,
including continued professional development, and is hereby re-certified as a

CEII

**Council-certified Environmental
Thermography Investigator**

This certificate expires on October 31, 2019.

1110007

Charles F. Wiles, Executive Director

Certificate Number

This certificate remains the property of the American Council for Accredited Certification.



TEXAS DEPARTMENT OF STATE HEALTH SERVICES

MOLDLAB LTD

is certified to perform as a

Asbestos Laboratory PCM, PLM

in the State of Texas within the purview of Texas Occupations Code, chapter 1954, so long as this license is not suspended or revoked and is renewed according to the rules adopted by the Texas Board of Health.

A handwritten signature in black ink, appearing to read "John Hellerstedt".

JOHN HELLERSTEDT, M.D.
COMMISSIONER OF HEALTH

License Number: 300431

Control Number: 96225

Expiration Date: 9/3/2019

(Void After Expiration Date)

VOID IF ALTERED NON-TRANSFERABLE