

**FINAL REPORT
FOR
HAZARDOUS MATERIALS IDENTIFICATION
STUDY
AT THE
HIGH SCHOOL
WESTPORT, MASSACHUSETTS**

PROJECT NO: 216 231.00

Survey Dates:
June 20 - July 1, 2016

CONDUCTED BY:
**UNIVERSAL ENVIRONMENTAL CONSULTANTS
12 Brewster Road
Framingham, MA 01702**

July 8, 2016

Mr. Phillip Gray
Senior Associate
Jonathan Levi Architects
266 Beacon Street
Boston, MA 02116

Reference: Report for Hazardous Materials Identification Study
High School, Westport, MA

Dear Mr. Gray:

Thank you for the opportunity for Universal Environmental Consultants (UEC) to provide professional services.

Enclosed please find the report for the hazardous materials identification study at the High School, Westport, MA.

Please do not hesitate to call should you have any questions.

Very truly yours,

Universal Environmental Consultants



Ammar M. Dieb
President

UEC:\216 231\Report.DOC

Enclosure

1.0 INTRODUCTION:

Universal Environmental Consultants (UEC) has been providing comprehensive asbestos services since 2001 and has completed projects throughout New England. We have completed projects for a variety of clients including commercial, industrial, municipal, and public and private schools. We maintain appropriate asbestos licenses and staff with a minimum of fifteen years of experience.

UEC was contracted by Jonathan Levi Architects to conduct the following services at the High School, Westport, Massachusetts:

- Asbestos Containing Materials (ACM) determination inspection and sampling;
- Polychlorinated Biphenyls (PCB's)-Electrical Equipment and Light Fixtures inspection;
- PCB's in Caulking inspection;
- Lead Based Paint (LBP) inspection;
- Mercury in Rubber Flooring inspection and sampling;
- Airborne Mold inspection and sampling;
- Radon sampling;
- Other hazardous materials inspection.

The school consists of two (2) construction dates 1950 and 1972 addition.

The scope of work included the inspection of accessible ACM, collection of bulk samples from materials suspected to contain asbestos, determination and quantities of types of ACM found and cost estimates for remediation. A comprehensive survey per the Environmental Protection Agency (EPA) NESHAP regulation would be required prior to any renovation or demolition activities.

Bulk samples analyses for asbestos were performed using the standard Polarized Light Microscopy (PLM) Method in accordance with EPA standard. Bulk samples were collected by a Massachusetts licensed asbestos inspector Mr. Leonard J. Busa (AI-030673) and analyzed by Massachusetts licensed laboratories EMSL and Asbestos Identification Laboratory, Woburn, MA.

Airborne mold samples were analyzed by an EPA approved laboratory EMSL, Woburn, MA.

Radon samples were analyzed by an EPA licensed laboratory AccuStar, Medway, MA.

Samples results are attached.

2.0 FINDINGS:

Asbestos Containing Materials (ACM):

The regulations for asbestos inspection are based on representative sampling. It would be impractical and costly to sample all materials in all areas. Therefore, representative samples of each homogenous area were collected and analyzed or assumed.

All suspect materials were grouped into homogenous areas. By definition a homogenous area is one in which the materials are evenly mixed and similar in appearance and texture throughout. A homogeneous area shall be determined to contain asbestos based on findings that the results of at least one sample collected from that area shows that asbestos is present in an amount greater than 1 percent in accordance with EPA regulations. Per the Department of Environmental Protection (DEP) any amount of asbestos found must be disposed as asbestos.

No additional suspect or accessible ACM were found during this survey. Hidden ACM may be found during the renovation and demolition activities.

Number of Samples Collected:

Two hundred eighteen (218) bulk samples were collected from materials suspected of containing asbestos, including:

Type and Location of Suspect Material

1. Exterior new window framing caulking on metal panel system
2. Exterior new window framing caulking
3. Exterior new window framing caulking
4. Exterior new window framing caulking
5. Exterior new window framing caulking
6. Unit vent grille caulking
7. Door framing caulking
8. Unit vent grille caulking
9. Exterior older window framing caulking for newer window
10. Exterior older window framing caulking for newer window
11. Exterior hard window glazing caulking for older window
12. Exterior older window framing caulking for older window
13. Exterior older window framing caulking for older window
14. Exterior hard window glazing caulking for older window
15. Interior glazing caulking for exterior older window
16. Interior glazing caulking for exterior older window
17. Interior glazing caulking for exterior older window
18. Exterior original door framing caulking
19. Exterior original door framing caulking
20. Exterior original window framing caulking
21. Exterior exposed caulking on lentil above new window
22. Exterior exposed caulking on lentil above new window
23. Exterior soft brown vertical caulking in brick
24. Exterior soft brown vertical caulking in brick
25. Exterior grey vertical caulking in brick
26. Exterior grey vertical caulking in brick
27. Exterior old caulking at wood column
28. Exterior old caulking at wood column
29. Exterior white sealant in stone sill
30. Exterior white sealant in stone sill
31. Low ground level roof
32. Low ground level roof
33. Exterior sealant on foundation wall
34. Exterior sealant on foundation wall
35. Exterior dampproofing on foundation wall
36. Exterior flashing protruding from foundation wall
37. Exterior flashing protruding from foundation wall
38. Exterior flashing protruding from foundation wall
39. Transite drain pipe in soil
40. Transite drain pipe in soil
41. Exterior white glazing caulking for older window

1950 Original Building:

42. Dampproofing on wood surface above ceiling at room 263 outside wall
43. Dampproofing on block above ceiling at room 263 outside wall
44. Dampproofing on block above ceiling at second floor corridor
45. Assumed roofing debris on top of HVAC unit #10 at maintenance
46. Assumed roofing debris on floor of storage loft at maintenance

47. Assumed roofing debris on stairs of storage loft at maintenance
48. Adhesive for fiberglass insulated duct at maintenance storage room
49. Adhesive for fiberglass insulated duct at maintenance storage room
50. Adhesive for fiberglass insulated duct at maintenance storage room
51. Wall joint compound at hallway along band room
52. Wall joint compound at end on room 260 wing
53. Wall joint compound at maintenance office
54. Wall joint compound at cafeteria kitchen wall
55. Wall joint compound at physical therapy classroom
56. Gypsum wall at physical therapy classroom
57. Cementitious ceiling plaster at basement landing
58. Cementitious ceiling plaster at basement landing
59. Cementitious ceiling plaster at cafeteria
60. Cementitious ceiling plaster at cafeteria
61. Cementitious ceiling plaster at cafeteria
62. Smooth wall plaster at main corridor by classroom 256
63. Smooth wall plaster at administration closet
64. Smooth wall plaster at classroom 259
65. Smooth wall plaster at classroom 263
66. Smooth wall plaster at basement stairs up to media center
67. Soft ceiling plaster type I at first floor main corridor along administration
68. Soft ceiling plaster type I at first floor main corridor along administration
69. Soft ceiling plaster type I at first floor main corridor along administration
70. 2' x 4' Suspended acoustical tile type I at maintenance
71. 2' x 4' Suspended acoustical tile type I at maintenance
72. 2' x 2' Suspended acoustical tile type II at cafeteria
73. 2' x 2' Suspended acoustical tile type II at cafeteria
74. 2' x 4' Suspended acoustical tile type III at kitchen areas
75. 2' x 4' Suspended acoustical tile type III at kitchen areas
76. 2' x 4' Suspended acoustical tile type IV at basement main corridors
77. 2' x 4' Suspended acoustical tile type IV at basement classroom 103
78. 2' x 4' Suspended acoustical tile type V at main corridor 260 wing
79. 2' x 4' Suspended acoustical tile type V at main corridor 260 wing
80. 1' x 1' Acoustical tile at classroom 263
81. 1' x 1' Acoustical tile at classroom 260
82. Rosin paper on 1' x 1' acoustical tile at classroom 260
83. Tectum wall at auditorium
84. Tectum wall at auditorium
85. Dampproofing on block at classroom 315 above ceiling
86. Interior flashing protruding from block wall at second floor end of corridor
87. Interior flashing protruding from block wall at second floor end of corridor
88. Dampproofing above ceiling at southwest landing by classroom 263
89. 2' x 4' Suspended acoustical tile type V at second floor main corridor
90. 1' x 1' Acoustical tile type II at media center
91. 1' x 1' Acoustical tile type II at media center
92. 2' x 2' Suspended acoustical tile type II at classroom 302
93. 2' x 4' Suspended acoustical tile type IV at classroom 326
94. Smooth wall plaster at second floor boy's room
95. Smooth ceiling plaster at classroom 315 closet
96. Smooth ceiling plaster at classroom 302
97. Glue daub at classroom 302
98. Glue daub at classroom 302
99. Fiberboard at auditorium under hardwood floor at stage
100. Fiberboard at auditorium under hardwood floor at stage
101. Kiln block at classroom 303

102. Kiln block at classroom 303
103. Grey sink damproofing at media center
104. White sink damproofing at classroom 206
105. Old lab table type I at classroom 332
106. Thin vinyl baseboard at bathroom by room 207
107. Thin vinyl baseboard at cafeteria bathroom
108. Interior window glass glazing at entrance to cafeteria
109. Interior door window glass glazing at nurse
110. Interior door window glass glazing at boy's room first floor main corridor
111. Adhesive for fiberglass pipe insulation at auditorium mechanical room loft
112. Vinyl floor tile type I at end of main corridor by central administration
113. Mastic on vinyl floor tile type I at end of main corridor by central administration
114. Vinyl floor tile type I at closet hall to maintenance
115. Mastic on vinyl floor tile type I at closet hall to maintenance
116. Vinyl floor tile type II at TV studio small classroom
117. Mastic on vinyl floor tile type II at TV studio small classroom
118. Vinyl floor tile type II at A/V room
119. Mastic on Vinyl floor tile type II at A/V room
120. Vinyl floor tile type III at cafeteria
121. Mastic on vinyl floor tile type III at cafeteria
122. Vinyl floor tile type III at cafeteria
123. Mastic on vinyl floor tile type III at cafeteria
124. Vinyl floor tile type I at administration office under carpet
125. Mastic on vinyl floor tile type I at administration office under carpet
126. Vinyl floor tile type VI at music
127. Mastic on vinyl floor tile type VI at music
128. Vinyl floor tile type VI at music
129. Mastic on vinyl floor tile type VI at music
130. Vinyl floor tile type VII at breezeway to cafeteria
131. Second layer vinyl floor tile type VII at breezeway to cafeteria
132. Mastic for second layer vinyl floor tile type VII at breezeway to cafeteria
133. Second layer vinyl floor tile type VII at breezeway to cafeteria
134. Mastic for second layer vinyl floor tile type VII at breezeway to cafeteria
135. New crème vinyl floor tile type IV at teacher's lounge
136. Mastic for new crème vinyl floor tile type IV at teacher's lounge
137. Red vinyl strip under carpet at administration offices
138. Mastic for red vinyl strip under carpet at administration offices
139. Chocolate chip vinyl floor tile type VII at hallway along music
140. Mastic for chocolate chip vinyl floor tile type VII at hallway along music
141. Grey light pink vinyl floor tile type X at basement main corridor
142. Mastic for grey light pink vinyl floor tile type X at basement main corridor
143. Grey light pink vinyl floor tile type X at basement records tunnel office
144. Mastic for grey light pink vinyl floor tile type X at basement records tunnel office
145. New beige vinyl floor tile at office by room 302
146. Mastic for new beige vinyl floor tile at office by room 302
147. New yellow vinyl floor tile at room 307
148. Mastic for new yellow vinyl floor tile at room 307
149. New mint vinyl floor tile at room 101
150. Mastic for new mint vinyl floor tile at room 101
151. New mint vinyl floor tile under carpet at main office
152. Mastic for new mint vinyl floor tile under carpet at main office
153. New yellow vinyl floor tile under carpet at main office
154. Mastic for new yellow vinyl floor tile under carpet at main office
155. Mastic for new pink vinyl floor tile at room 106
156. Mastic for new yellow vinyl floor tile at main corridor

157. Carpet glue at room 201
158. Carpet glue at room 202
159. White sink damproofing at hallway by room 205
160. Grey sink damproofing at room 259
161. Damproofing on wood between CMU and horizontal beam at room 315
162. Interior window glazing caulking for door at maintenance office
163. Interior window glazing caulking for door at athletic director office
164. Hard joint insulation above ceiling at main corridor
165. Hard joint insulation at auditorium mechanical room
166. Hard joint insulation at cafeteria mechanical room
167. Pipe insulation above ceiling at main corridor
168. Pipe insulation above ceiling at boy's room
169. Light beige plaster on horizontal beam at auditorium mechanical room loft
170. Light beige plaster on horizontal beam at auditorium mechanical room loft
171. Light beige plaster on horizontal beam at auditorium mechanical room loft
172. Fireproofing type I at auditorium
173. Fireproofing type I at auditorium
174. Fireproofing type I at auditorium
175. Fireproofing type I at auditorium
176. Fireproofing type I at auditorium
177. Fireproofing type II at cafeteria mechanical room
178. Fireproofing type II at cafeteria mechanical room
179. Fireproofing type II at auditorium mechanical room
180. Fireproofing type II at auditorium mechanical room
181. Fireproofing type II at auditorium mechanical room
182. Fireproofing type I debris at auditorium catwalk

1972 Addition:

183. Wall joint compound at gymnasium lobby
184. Wall joint compound at room 317
185. Suspended acoustical ceiling tile type III at basement
186. Fiberboard under hardwood floor at basement gymnasium fitness room
187. Fiberboard under hardwood floor at basement gymnasium fitness room
188. Exposed glue tab on metal duct at girl's locker room mechanical room
189. Exposed glue tab on metal duct at girl's locker room mechanical room
190. Lab table type II at room 321
191. Lab table type II at room 317
192. Lab table type III at room 321 storage
193. Lab table type IV at storage room between rooms 323/325
194. Lab table type V at room 325
195. Lab table type V at room 325
196. Hard joint insulation above ceiling at gymnasium lobby
197. Hard joint insulation above ceiling at boy's locker room
198. Hard joint insulation at girl's locker room mechanical room
199. Hard joint insulation at basement
200. Glazing caulking for window in metal door at basement hallway
201. Glazing caulking for window in metal door at room 323
202. New sea blue vinyl floor tile at room 262
203. Mastic for new sea blue vinyl floor tile at room 262
204. Mastic for new vinyl floor tile at room 321 storage
205. New crème vinyl floor tile at room 323
206. Mastic for new crème vinyl floor tile at room 323
207. Chocolate chip vinyl floor tile type VIII at gymnasium lobby
208. Mastic for chocolate chip vinyl floor tile type VIII at gymnasium lobby

209. Chocolate chip vinyl floor tile type VIII at boy's locker room office
210. Mastic for chocolate chip vinyl floor tile type VIII at boy's locker room office
211. Chocolate chip vinyl floor tile type VIII at small loft across from room 321
212. Mastic for chocolate chip vinyl floor tile type VIII at small loft across from room 321
213. Grey/white vinyl floor tile type II at basement hallway
214. Mastic for grey/white vinyl floor tile type II at basement hallway
215. Old green vinyl floor at rear girl's locker room stairs
216. Adhesive for old green vinyl floor at rear girl's locker room stairs
217. Old green vinyl floor at rear girl's locker room stairs
218. Adhesive for old green vinyl floor at rear girl's locker room stairs

Sample Results:

Type and Location of Suspect Material	Sample Result
1. Exterior new window framing caulking on metal panel system	No Asbestos Detected
2. Exterior new window framing caulking	2% Asbestos
3. Exterior new window framing caulking	2% Asbestos
4. Exterior new window framing caulking	2% Asbestos
5. Exterior new window framing caulking	No Asbestos Detected
6. Unit vent grille caulking	No Asbestos Detected
7. Door framing caulking	No Asbestos Detected
8. Unit vent grille caulking	No Asbestos Detected
9. Exterior older window framing caulking for newer window	No Asbestos Detected
10. Exterior older window framing caulking for newer window	No Asbestos Detected
11. Exterior hard window glazing caulking for older window	2% Asbestos
12. Exterior older window framing caulking for older window	No Asbestos Detected
13. Exterior older window framing caulking for older window	No Asbestos Detected
14. Exterior hard window glazing caulking for older window	2% Asbestos
15. Interior glazing caulking for exterior older window	2% Asbestos
16. Interior glazing caulking for exterior older window	3% Asbestos
17. Interior glazing caulking for exterior older window	3% Asbestos
18. Exterior original door framing caulking	3% Asbestos
19. Exterior original door framing caulking	3% Asbestos
20. Exterior original window framing caulking	3% Asbestos
21. Exterior exposed caulking on lentil above new window	No Asbestos Detected
22. Exterior exposed caulking on lentil above new window	3% Asbestos
23. Exterior soft brown vertical caulking in brick	No Asbestos Detected
24. Exterior soft brown vertical caulking in brick	No Asbestos Detected
25. Exterior grey vertical caulking in brick	No Asbestos Detected
26. Exterior grey vertical caulking in brick	2% Asbestos
27. Exterior old caulking at wood column	3% Asbestos
28. Exterior old caulking at wood column	2% Asbestos
29. Exterior white sealant in stone sill	No Asbestos Detected
30. Exterior white sealant in stone sill	No Asbestos Detected
31. Low ground level roof	No Asbestos Detected
32. Low ground level roof	No Asbestos Detected
33. Exterior sealant on foundation wall	10% Asbestos
34. Exterior sealant on foundation wall	10% Asbestos
35. Exterior dampproofing on foundation wall	No Asbestos Detected
36. Exterior flashing protruding from foundation wall	10% Asbestos
37. Exterior flashing protruding from foundation wall	10% Asbestos
38. Exterior flashing protruding from foundation wall	No Asbestos Detected
39. Transite drain pipe in soil	20% Asbestos
40. Transite drain pipe in soil	20% Asbestos

41. Exterior white glazing caulking for older window

2% Asbestos

1950 Original Building:

42. Damproofing on wood surface above ceiling at room 263 outside wall	No Asbestos Detected
43. Damproofing on block above ceiling at room 263 outside wall	No Asbestos Detected
44. Damproofing on block above ceiling at second floor corridor	No Asbestos Detected
45. Assumed roofing debris on top of HVAC unit #10 at maintenance	No Asbestos Detected
46. Assumed roofing debris on floor of storage loft at maintenance	No Asbestos Detected
47. Assumed roofing debris on stairs of storage loft at maintenance	No Asbestos Detected
48. Adhesive for fiberglass insulated duct at maintenance storage room	No Asbestos Detected
49. Adhesive for fiberglass insulated duct at maintenance storage room	No Asbestos Detected
50. Adhesive for fiberglass insulated duct at maintenance storage room	No Asbestos Detected
51. Wall joint compound at hallway along band room	No Asbestos Detected
52. Wall joint compound at end on room 260 wing	No Asbestos Detected
53. Wall joint compound at maintenance office	No Asbestos Detected
54. Wall joint compound at cafeteria kitchen wall	No Asbestos Detected
55. Wall joint compound at physical therapy classroom	No Asbestos Detected
56. Gypsum wall at physical therapy classroom	No Asbestos Detected
57. Cementitious ceiling plaster at basement landing	No Asbestos Detected
58. Cementitious ceiling plaster at basement landing	No Asbestos Detected
59. Cementitious ceiling plaster at cafeteria	No Asbestos Detected
60. Cementitious ceiling plaster at cafeteria	No Asbestos Detected
61. Cementitious ceiling plaster at cafeteria	No Asbestos Detected
62. Smooth wall plaster at main corridor by classroom 256	No Asbestos Detected
63. Smooth wall plaster at administration closet	No Asbestos Detected
64. Smooth wall plaster at classroom 259	No Asbestos Detected
65. Smooth wall plaster at classroom 263	No Asbestos Detected
66. Smooth wall plaster at basement stairs up to media center	No Asbestos Detected
67. Soft ceiling plaster type I at first floor main corridor along administration	2% Asbestos
68. Soft ceiling plaster type I at first floor main corridor along administration	2% Asbestos
69. Soft ceiling plaster type I at first floor main corridor along administration	2% Asbestos
70. 2' x 4' Suspended acoustical tile type I at maintenance	No Asbestos Detected
71. 2' x 4' Suspended acoustical tile type I at maintenance	No Asbestos Detected
72. 2' x 2' Suspended acoustical tile type II at cafeteria	No Asbestos Detected
73. 2' x 2' Suspended acoustical tile type II at cafeteria	No Asbestos Detected
74. 2' x 4' Suspended acoustical tile type III at kitchen areas	No Asbestos Detected
75. 2' x 4' Suspended acoustical tile type III at kitchen areas	No Asbestos Detected
76. 2' x 4' Suspended acoustical tile type IV at basement main corridors	No Asbestos Detected
77. 2' x 4' Suspended acoustical tile type IV at basement classroom 103	No Asbestos Detected
78. 2' x 4' Suspended acoustical tile type V at main corridor 260 wing	No Asbestos Detected
79. 2' x 4' Suspended acoustical tile type V at main corridor 260 wing	No Asbestos Detected
80. 1' x 1' Acoustical tile at classroom 263	No Asbestos Detected
81. 1' x 1' Acoustical tile at classroom 260	No Asbestos Detected
82. Rosin paper on 1' x 1' acoustical tile at classroom 260	No Asbestos Detected
83. Tectum wall at auditorium	No Asbestos Detected
84. Tectum wall at auditorium	No Asbestos Detected
85. Damproofing on block at classroom 315 above ceiling	No Asbestos Detected
86. Interior flashing protruding from block wall at second floor end of corridor	No Asbestos Detected
87. Interior flashing protruding from block wall at second floor end of corridor	No Asbestos Detected
88. Damproofing above ceiling at southwest landing by classroom 263	No Asbestos Detected
89. 2' x 4' Suspended acoustical tile type V at second floor main corridor	No Asbestos Detected
90. 1' x 1' Acoustical tile type II at media center	No Asbestos Detected
91. 1' x 1' Acoustical tile type II at media center	No Asbestos Detected
92. 2' x 2' Suspended acoustical tile type II at classroom 302	No Asbestos Detected

93.	2' x 4' Suspended acoustical tile type IV at classroom 326	No Asbestos Detected
94.	Smooth wall plaster at second floor boy's room	No Asbestos Detected
95.	Smooth ceiling plaster at classroom 315 closet	No Asbestos Detected
96.	Smooth ceiling plaster at classroom 302	No Asbestos Detected
97.	Glue daub at classroom 302	No Asbestos Detected
98.	Glue daub at classroom 302	No Asbestos Detected
99.	Fiberboard at auditorium under hardwood floor at stage	No Asbestos Detected
100.	Fiberboard at auditorium under hardwood floor at stage	No Asbestos Detected
101.	Kiln block at classroom 303	No Asbestos Detected
102.	Kiln block at classroom 303	No Asbestos Detected
103.	Grey sink dampproofing at media center	No Asbestos Detected
104.	White sink dampproofing at classroom 206	No Asbestos Detected
105.	Old lab table type I at classroom 332	No Asbestos Detected
106.	Thin vinyl baseboard at bathroom by room 207	No Asbestos Detected
107.	Thin vinyl baseboard at cafeteria bathroom	No Asbestos Detected
108.	Interior window glass glazing caulking at entrance to cafeteria	2% Asbestos
109.	Interior door window glass glazing caulking at nurse	No Asbestos Detected
110.	Interior door window glass glazing caulking at boy's room first floor main corridor	2% Asbestos
111.	Adhesive for fiberglass pipe insulation at auditorium mechanical room loft	No Asbestos Detected
112.	Vinyl floor tile type I at end of main corridor by central administration	No Asbestos Detected
113.	Mastic on vinyl floor tile type I at end of main corridor by central administration	No Asbestos Detected
114.	Vinyl floor tile type I at closet hall to maintenance	No Asbestos Detected
115.	Mastic on vinyl floor tile type I at closet hall to maintenance	No Asbestos Detected
116.	Vinyl floor tile type II at TV studio small classroom	2% Asbestos
117.	Mastic on vinyl floor tile type II at TV studio small classroom	10% Asbestos
118.	Vinyl floor tile type II at A/V room	5% Asbestos
119.	Mastic on Vinyl floor tile type II at A/V room	10% Asbestos
120.	Vinyl floor tile type III at cafeteria	No Asbestos Detected
121.	Mastic on vinyl floor tile type III at cafeteria	No Asbestos Detected
122.	Vinyl floor tile type III at cafeteria	No Asbestos Detected
123.	Mastic on vinyl floor tile type III at cafeteria	No Asbestos Detected
124.	Vinyl floor tile type I at administration office under carpet	No Asbestos Detected
125.	Mastic on vinyl floor tile type I at administration office under carpet	No Asbestos Detected
126.	Vinyl floor tile type VI at music	2% Asbestos
127.	Mastic on vinyl floor tile type VI at music	5% Asbestos
128.	Vinyl floor tile type VI at music	2% Asbestos
129.	Mastic on vinyl floor tile type VI at music	5% Asbestos
130.	Vinyl floor tile type VII at breezeway to cafeteria	No Asbestos Detected
131.	Second layer vinyl floor tile type VII at breezeway to cafeteria	No Asbestos Detected
132.	Mastic for second layer vinyl floor tile type VII at breezeway to cafeteria	No Asbestos Detected
133.	Second layer vinyl floor tile type VII at breezeway to cafeteria	No Asbestos Detected
134.	Mastic for second layer vinyl floor tile type VII at breezeway to cafeteria	No Asbestos Detected
135.	New crème vinyl floor tile type IV at teacher's lounge	No Asbestos Detected
136.	Mastic for new crème vinyl floor tile type IV at teacher's lounge	5% Asbestos
137.	Red vinyl strip under carpet at administration offices	No Asbestos Detected
138.	Mastic for red vinyl strip under carpet at administration offices	No Asbestos Detected
139.	Chocolate chip vinyl floor tile type VII at hallway along music	5% Asbestos
140.	Mastic for chocolate chip vinyl floor tile type VII at hallway along music	10% Asbestos
141.	Grey light pink vinyl floor tile type X at basement main corridor	2% Asbestos
142.	Mastic for grey light pink vinyl floor tile type X at basement main corridor	No Asbestos Detected
143.	Grey light pink vinyl floor tile type X at basement records tunnel office	2% Asbestos
144.	Mastic for grey light pink vinyl floor tile type X at basement records tunnel office	No Asbestos Detected
145.	New beige vinyl floor tile at office by room 302	No Asbestos Detected
146.	Mastic for new beige vinyl floor tile at office by room 302	No Asbestos Detected
147.	New yellow vinyl floor tile at room 307	No Asbestos Detected

148. Mastic for new yellow vinyl floor tile at room 307	No Asbestos Detected
149. New mint vinyl floor tile at room 101	No Asbestos Detected
150. Mastic for new mint vinyl floor tile at room 101	No Asbestos Detected
151. New mint vinyl floor tile under carpet at main office	No Asbestos Detected
152. Mastic for new mint vinyl floor tile under carpet at main office	No Asbestos Detected
153. New yellow vinyl floor tile under carpet at main office	No Asbestos Detected
154. Mastic for new yellow vinyl floor tile under carpet at main office	No Asbestos Detected
155. Mastic for new pink vinyl floor tile at room 106	No Asbestos Detected
156. Mastic for new yellow vinyl floor tile at main corridor	No Asbestos Detected
157. Carpet glue at room 201	No Asbestos Detected
158. Carpet glue at room 202	No Asbestos Detected
159. White sink damproofing at hallway by room 205	No Asbestos Detected
160. Grey sink damproofing at room 259	No Asbestos Detected
161. Damproofing on wood between CMU and horizontal beam at room 315	2% Asbestos
162. Interior window glazing caulking for door at maintenance office	3% Asbestos
163. Interior window glazing caulking for door at athletic director office	No Asbestos Detected
164. Hard joint insulation above ceiling at main corridor	No Asbestos Detected
165. Hard joint insulation at auditorium mechanical room	No Asbestos Detected
166. Hard joint insulation at cafeteria mechanical room	No Asbestos Detected
167. Pipe insulation above ceiling at main corridor	60% Asbestos
168. Pipe insulation above ceiling at boy's room	60% Asbestos
169. Light beige plaster on horizontal beam at auditorium mechanical room loft	No Asbestos Detected
170. Light beige plaster on horizontal beam at auditorium mechanical room loft	No Asbestos Detected
171. Light beige plaster on horizontal beam at auditorium mechanical room loft	No Asbestos Detected
172. Fireproofing type I at auditorium	No Asbestos Detected
173. Fireproofing type I at auditorium	No Asbestos Detected
174. Fireproofing type I at auditorium	No Asbestos Detected
175. Fireproofing type I at auditorium	No Asbestos Detected
176. Fireproofing type I at auditorium	No Asbestos Detected
177. Fireproofing type II at cafeteria mechanical room	No Asbestos Detected
178. Fireproofing type II at cafeteria mechanical room	No Asbestos Detected
179. Fireproofing type II at auditorium mechanical room	No Asbestos Detected
180. Fireproofing type II at auditorium mechanical room	No Asbestos Detected
181. Fireproofing type II at auditorium mechanical room	No Asbestos Detected
182. Fireproofing type I debris at auditorium catwalk	No Asbestos Detected

1972 Addition:

183. Wall joint compound at gymnasium lobby	No Asbestos Detected
184. Wall joint compound at room 317	No Asbestos Detected
185. Suspended acoustical ceiling tile type III at basement	No Asbestos Detected
186. Fiberboard under hardwood floor at basement gymnasium fitness room	No Asbestos Detected
187. Fiberboard under hardwood floor at basement gymnasium fitness room	No Asbestos Detected
188. Exposed glue tab on metal duct at girl's locker room mechanical room	10% Asbestos
189. Exposed glue tab on metal duct at girl's locker room mechanical room	15% Asbestos
190. Lab table type II at room 321	No Asbestos Detected
191. Lab table type II at room 317	No Asbestos Detected
192. Lab table type III at room 321 storage	20% Asbestos
193. Lab table type IV at storage room between rooms 323/325	20% Asbestos
194. Lab table type V at room 325	No Asbestos Detected
195. Lab table type V at room 325	No Asbestos Detected
196. Hard joint insulation above ceiling at gymnasium lobby	No Asbestos Detected
197. Hard joint insulation above ceiling at boy's locker room	No Asbestos Detected
198. Hard joint insulation at girl's locker room mechanical room	No Asbestos Detected
199. Hard joint insulation at basement	No Asbestos Detected

200. Glazing caulking for window in metal door at basement hallway	2% Asbestos
201. Glazing caulking for window in metal door at room 323	2% Asbestos
202. New sea blue vinyl floor tile at room 262	No Asbestos Detected
203. Mastic for new sea blue vinyl floor tile at room 262	No Asbestos Detected
204. Mastic for new vinyl floor tile at room 321 storage	No Asbestos Detected
205. New crème vinyl floor tile at room 323	No Asbestos Detected
206. Mastic for new crème vinyl floor tile at room 323	No Asbestos Detected
207. Chocolate chip vinyl floor tile type VIII at gymnasium lobby	10% Asbestos
208. Mastic for chocolate chip vinyl floor tile type VIII at gymnasium lobby	3% Asbestos
209. Chocolate chip vinyl floor tile type VIII at boy's locker room office	10% Asbestos
210. Mastic for chocolate chip vinyl floor tile type VIII at boy's locker room office	10% Asbestos
211. Chocolate chip vinyl floor tile type VIII at small loft across from room 321	10% Asbestos
212. Mastic for chocolate chip vinyl floor tile type VIII at small loft across from room 321	10% Asbestos
213. Grey/white vinyl floor tile type II at basement hallway	5% Asbestos
214. Mastic for grey/white vinyl floor tile type II at basement hallway	5% Asbestos
215. Old green vinyl floor at rear girl's locker room stairs	No Asbestos Detected
216. Adhesive for old green vinyl floor at rear girl's locker room stairs	No Asbestos Detected
217. Old green vinyl floor at rear girl's locker room stairs	No Asbestos Detected
218. Adhesive for old green vinyl floor at rear girl's locker room stairs	No Asbestos Detected

Observations and Conclusions:

The condition of ACM is very important. ACM in good condition does not present a health issue unless it is disturbed. Therefore, it is not necessary to remediate ACM in good condition unless it will be disturbed through renovation, demolition or other activity.

Refer to the AHERA Management Plan for condition of ACM.

1. Exterior new window framing caulking was found to contain asbestos.
2. Exterior hard window glazing caulking for older window was found to contain asbestos.
3. Interior glazing caulking for exterior older window was found to contain asbestos.
4. Exterior original door framing caulking was found to contain asbestos.
5. Exterior exposed caulking on lentil above new window was found to contain asbestos.
6. Exterior grey vertical caulking in brick was found to contain asbestos.
7. Exterior old caulking at wood column was found to contain asbestos.
8. Exterior sealant on foundation wall was found to contain asbestos.
9. Transite drain pipe in soil was found to contain asbestos.
10. Exterior white glazing caulking for older window was found to contain asbestos.
11. Soft ceiling plaster type I was found to contain asbestos.
12. Interior window glass glazing caulking was found to contain asbestos.
13. Various types of vinyl floor tiles and mastic were found to contain asbestos.
14. Dampproofing on wood between CMU and horizontal beam was found to contain asbestos.
15. Interior window glazing caulking for door was found to contain asbestos.
16. Pipe insulation was found to contain asbestos.
17. Exposed glue tab on metal duct was found to contain asbestos.
18. Lab table type III was found to contain asbestos.
19. Lab table type IV was found to contain asbestos.
20. Glazing caulking for window in metal door was found to contain asbestos.
21. Glue holding blackboard was assumed to contain asbestos.
22. Fire curtain was assumed to contain asbestos.
23. Transite inside fume hood was assumed to contain asbestos.
24. Tape on metal duct was assumed to contain asbestos.
25. Paper under hardwood floor was assumed to contain asbestos.
26. Underground sewer pipes were assumed to contain asbestos.
27. Dampproofing on exterior and foundation walls was either found or assumed to contain asbestos. The demolition contractor will have to segregate the ACM from non-ACM building surfaces for proper disposal in an EPA

approved landfill that does not recycle. A non-traditional abatement plan would have to be prepared and submitted to the DEP for approval.

28. Thru-wall flashing was assumed to contain asbestos. The demolition contractor will have to segregate the ACM from non-ACM building surfaces for proper disposal in an EPA approved landfill that does not recycle. A non-traditional abatement plan would have to be prepared and submitted to the DEP for approval.
29. Roofing was assumed to contain asbestos. However, roofing does not have to be removed by a licensed asbestos abatement contractor. Roofing material does not have to be removed by a licensed asbestos contractor. However, the General Contractor must comply with OSHA regulation during demolition and with state regulations for proper disposal. A non-traditional abatement plan would have to be prepared and submitted to the DEP for approval.
30. All other suspect materials were found not to contain asbestos. Hidden ACM may be found during renovation and demolition activities.

Polychlorinated Biphenyls (PCB's)-Electrical Equipment and Light Fixtures:

Observations and Conclusions

Visual inspection of various equipments such as light fixtures, thermostats, exit signs and switches was performed for the presence of PCB's and mercury. Ballasts in light fixtures were assumed not to contain PCB's since there were labels indicating that "No PCB's" was found. Tubes in light fixtures, thermostats, signs and switches were assumed to contain mercury. It would be very costly to test those equipments and dismantling would be required to access. Therefore, the above mentioned equipments should be disposed in an EPA approved landfill as part of the demolition project.

PCB's in Caulking Material:

Observations and Conclusions

Building caulking was assumed to contain PCB's. PCB's are manmade chemicals that were widely produced and distributed across the country from the 1950s to 1977 until the production of PCB's was banned by the US Environmental Protection Agency (EPA) law which became effective in 1978. PCB's are a class of chemicals made up of more than 200 different compounds. PCB's are non-flammable, stable, and good insulators so they were widely used in a variety of products including: electrical transformers and capacitors, cable and wire coverings, sealants and caulking, and household products such as television sets and fluorescent light fixtures. Because of their chemical properties, PCB's are not very soluble in water and they do not break down easily in the environment. PCB's also do not readily evaporate into air but tend to remain as solids or thick liquids. Even though PCB's have not been produced or used in the country for more than 30 years, they are still present in the environment in the air, soil, and water and in our food. EPA requires that all construction waste including caulking be disposed as PCB's if PCB's level exceed 50 mg/kg (ppm). An abatement plan might also be required.

Lead Based Paint (LBP):

Observations and Conclusions

LBP was assumed to exist on painted surfaces. A school is not considered a regulated facility. All LBP activities performed, including waste disposal, should be in accordance with applicable Federal, State, or local laws, ordinances, codes or regulations governing evaluation and hazard reduction. In the event of discrepancies, the most protective requirements prevail. These requirements can be found in OSHA 29 CFR 1926-Construction Industry Standards, 29 CFR 1926.62-Construction Industry Lead Standards, 29 CFR 1910.1200-Hazards Communication, 40 CFR 261-EPA Regulations. According to OSHA, any amount of LBP triggers compliance.

Mercury in Rubber Flooring:

Observations and Conclusions:

No rubber flooring was observed in the school.

Airborne Mold:

Airborne mold testing was performed utilizing Zefon International Incorporated's Air-O-Cell® sampling device following all manufacturer supplied recommended sampling procedures. Air-O-Cell® is a direct read total particulate air sampling device. It works using the inertial impaction principle similar to other spore trap devices. It is designed for the rapid collection and analysis of airborne particulate including bioaerosols. The particulate includes fibers (e.g. asbestos, fiberglass, cellulose, clothing fibers) opaque particles (e.g. fly ash, combustion particles, copy toner, oil

droplets, paint), and bioaerosols (e.g. mold spores, pollen, insect parts, skin cell fragments).¹

The method involves drawing a known quantity of air through a sterile sampling cassette. Subsequent to sampling, the cassette is sealed and transferred to a microbiology laboratory under chain of custody protocol for microscopic analysis. This method counts both viable and nonviable mold spores.

AIRBORNE MOLD and PARTICULATE

Lab ID #	Location	Total Mold Counts/M ³	Pollen	Insect Fragment	Hyphal Fragments
131602784-0001	Boiler Room	1,417	40	ND	30
131602784-0002	Classroom 101	680	ND	ND	ND
131602784-0003	Classroom 104	1,280	100	ND	ND
131602784-0004	Basement Warehouse	304	7	ND	ND
131602784-0005	Basement Records Tunnel	920	20	20	40
131602784-0006	First Floor Athletic Office	240	ND	ND	ND
131602784-0007	Classroom 265	540	40	ND	ND
131602784-0008	Outside	1,067	40	ND	ND

AIRBORNE MOLD and PARTICULATE (Subjective Scales)

Lab ID #	Location	Skin Fragment Density (SFD)	Fibrous Particulates (FP)	Total Background Particulate (TBP)
131602784-0001	Boiler Room	1	1	1
131602784-0002	Classroom 101	2	1	1
131602784-0003	Classroom 104	2	1	1
131602784-0004	Basement Warehouse	2	1	1
131602784-0005	Basement Records Tunnel	2	1	2
131602784-0006	First Floor Athletic Office	2	1	2
131602784-0007	Classroom 265	2	1	1
131602784-0008	Outside	1	1	

Legend:

ND - Not Detected

Observations and Conclusions:

There are currently no guidelines or standards promulgated by a government agency or widely recognized scientific organizations for the interpretation of airborne mold spore levels. The most commonly employed tool used to assess if mold growth is occurring and there is amplification in a structure is to evaluate the indoor levels and species as well as to compare levels and species of mold outdoors to indoors. Typically, if there were more molds indoors, and/or if species were present indoors which were not present outdoors, then growth and amplification is likely occurring and further evaluation and perhaps remediation is recommended.

¹ Zefon International Inc. <www.zefon.com>

The indoor airborne mold spore concentrations were mostly lower than the outside sample. Based on comparisons with historical data from projects of similar type, building utilization, geographic location and season, the indoor airborne levels are considered very low. Indoor mold spore counts in the summer are typically in the 3,500-7,000-spores/cubic meter range.

Breathing zone indoor and also outdoor samples indicated the presence of large quantities of several common types of mold which are not considered to be hazardous. Pollen, insect fragments and Hyphal fragments were either not present or low in the samples. Hyphal fragment is a non-reproductive part of the mold.

Total background particulate on all samples was assessed as "1-2" on a scale of 1-5 where 1 is low and 5 is high. Skin fragment density on all samples was assessed as "1-2" on a scale of 1-4 where 1 is low and 4 is high. The total background levels are measured to determine airborne dust not related to airborne mold. Skin fragments are measured to determine proper housing cleaning.

No visible mold growth was found during the survey.

Radon:

Number of Samples Collected

Ten (10) air samples were collected at the following locations:

Location of Material

1. Basement electrical room
2. Basement rear shelf
3. Basement fire alarm pane
4. Basement records tunnel center room
5. Basement records entrance
6. Basement wood shelf
7. Basement top of lockers
8. Basement boiler room
9. Basement generator room
10. Basement pump room

Sample Number and Location of Material

Sample Result

1. Basement electrical room	1.3 pCi/L
2. Basement rear shelf	0.9 pCi/L
3. Basement fire alarm pane	1.4 pCi/L
4. Basement records tunnel center room	1.0 pCi/L
5. Basement records entrance	1.2 pCi/L
6. Basement wood shelf	0.8 pCi/L
7. Basement top of lockers	<0.4 pCi/L
8. Basement boiler room	1.2 pCi/L
9. Basement generator room	0.5 pCi/L
10. Basement pump room	0.4 pCi/L

Observations and Conclusions:

The measured radon concentrations of the samples were found to be lower than the EPA guideline of 4 picoCuris of radon per liter of air (pCi/L). No further action is required.

3.0 COST ESTIMATES:

The cost includes removal and disposal of all accessible ACM, other hazardous material and an allowance for removal of inaccessible or hidden ACM that may be found during renovation or demolition project

Location	Material	Approximate Quantity	Cost Estimate (\$)
1950 Original Building	Pipe and Hard Joint Insulation	3,500 LF	70,000.00
	Interior Doors with Windows	130 Total	26,000.00
	Interior Windows	275 Total	41,200.00
	Blackboards	40 Total	8,000.00
	Tape on Metal Ducts	Unknown	5,000.00
	Various Types of Flooring and Mastic	13,000 SF	52,000.00
	Miscellaneous Hazardous Materials	Unknown	75,000.00
	Hidden ACM	Unknown	50,000.00
Trenches	Pipe and Hard Joint Insulation	2,500 LF	75,000.00
Stage	Fire Curtain	1 Total	5,000.00
Media Center	Hardwood Floor and Paper	5,700 SF	57,000.00
Hallway	Soft Ceiling Plaster	1,000 Sf	25,000.00
Science Room	Fume Hood	1 Total	3,500.00
1972 Addition	Interior Doors with Windows	16 Total	3,200.00
	Interior Windows	10 Total	2,000.00
	Various Types of Flooring and Mastic	5,000 SF	25,000.00
	Miscellaneous Hazardous Materials	Unknown	25,000.00
	Hidden ACM	Unknown	10,000.00
Science Room	Fume Hood	1 Total	3,500.00
	Lab Tables	15 Total	15,000.00
Girl's Locker Room	Glue Tabs on Ducts	200 SF	2,000.00
Exterior	Roofing Materials	Unknown	250,000.00
	Windows	450 Total	90,000.00
	Metal Panels	300 Total	15,000.00
	Doors	55 Total	5,500.00
	Sealant on Stone Sill	250 LF	2,500.00
	Vertical Caulking	1,000 LF	20,000.00
	Transite Sewer Pipes	Unknown ¹	50,000.00
	Thru-Wall Flashing	Unknown ¹	125,000.00
	Damproofing on Walls	4,500 Tons ¹	675,000.00
PCB's Remediation ²			180,000.00
Estimated costs for PCB's Testing and Abatement Plans Services ²			50,000.00
Estimated costs for NESHAP Inspection and Testing Services			17,500.00
Estimated costs for Design, Construction Monitoring and Air Sampling Services			191,000.00
TOTAL:			\$ 2,250,000.00

¹: Part of total demolition.

²: Should results exceed EPA limit.

4.0 DESCRIPTION OF SURVEY METHODS AND LABORATORY ANALYSES:

Asbestos:

Asbestos samples were collected using a method that prevents fiber release. Homogeneous sample areas were determined by criteria outlined in EPA document 560/5-85-030a. Bulk material samples were analyzed using PLM and dispersion staining techniques with EPA method 600/M4-82-020.

Airborne Mold:

The samples were analyzed by an EPA approved laboratory EMSL, Woburn, MA.

Radon:

Radon samples were analyzed by an EPA licensed laboratory AccuStar, Medway, MA.

Inspected By:

A handwritten signature in cursive script, appearing to read "Leonard J. Busa".

Leonard J. Busa
Asbestos Inspector (AI-030673)

5.0 LIMITATIONS AND CONDITIONS:

This report has been completed based on visual and physical observations made and information available at the time of the site visits, as well as an interview with the Owner's representatives. This report is intended to be used as a summary of available information on existing conditions with conclusions based on a reasonable and knowledgeable review of evidence found in accordance with normally accepted industry standards, state and federal protocols, and within the scope and budget established by the client. Any additional data obtained by further review must be reviewed by UEC and the conclusions presented herein may be modified accordingly.

This report and attachments, prepared for the exclusive use of Owner for use in an environmental evaluation of the subject site, are an integral part of the inspections and opinions should not be formulated without reading the report in its entirety. No part of this report may be altered, used, copied or relied upon without prior written permission from UEC, except that this report may be conveyed in its entirety to parties associated with Owner for this subject study.



Asbestos Identification Laboratory

165 New Boston St., Ste 271

Woburn, MA 01801

781-932-9600

Web: www.asbestosidentificationlab.com

Email: mikemanning@asbestosidentificationlab.com

Batch:

14600



Lab Code: 200919-0

July 08, 2016

Ammar Dieb
Universal Environmental Consultants
12 Brewster Road
Framingham, MA 01702

Project Number:

Project Name: Westport High School, Westport, MA

Date Sampled: 2016-07-01

Work Received: 2016-07-05

Analysis Method: BULK PLM ANALYSIS EPA/600/R-93/116

Dear Ammar Dieb,

Asbestos Identification Laboratory has completed the analysis of the samples from your office for the above referenced project.

The information and analysis contained in this report have been generated using the EPA /600/R-93/116 Method for the Determination of Asbestos in Bulk Building Materials. Materials or products that contain more than 1% of any kind or combination of asbestos are considered an asbestos containing building material as determined by the EPA. This Polarized Light Microscope (PLM) technique may be performed either by visual estimation or point counting. Point counting provides a determination of the area percentage of asbestos in a sample. If the asbestos is estimated to be less than 10% by visual estimation of friable material, the determination may be repeated using the point counting technique. The results of the point counting supersede visual PLM results. Results in this report only relate to the items tested. This report may not be used by the customer to claim product endorsement by NVLAP or any other U.S. Government Agency.

Laboratory results represent the analysis of samples as submitted by the customer. Information regarding sample location, description, area, volume, etc., was provided by the customer. Asbestos Identification Laboratory is not responsible for sample collection activities or analytical method limitations. Unless notified in writing to return samples, Asbestos Identification Laboratory discards customer samples after 30 days. This report shall not be reproduced, except in full, without the written consent of Asbestos Identification Laboratory.

- NVLAP Lab Code: 200919-0
- Massachusetts Certification License: AA000208
- State of Connecticut, Department of Public Health Approved Environmental Laboratory Registration Number: PH-0142
- State of Maine, Department of Environmental Protection Asbestos Analytical Laboratory License Number: LB-0078(Bulk) LA-0087(Air)
- State of Rhode Island and Providence Plantations Department of Health Certification: AAL-121

Thank you Ammar Dieb for your business.

Michael Manning
Owner/Director

July 08, 2016

Ammar Dieb
Universal Environmental Consultants
12 Brewster Road
Framingham, MA 01702

Project Number:

Project Name: Westport High School, Westport, MA

Date Sampled: 2016-07-01

Work Received: 2016-07-05

Analysis Method: BULK PLM ANALYSIS EPA/600/R-93/116

FieldID	Material	Location	Color	Non-Asbestos %	Asbestos %
LabID					
1	New Window Frame Caulk	Metal Panel System by Door #13	gray	Non-Fibrous	100 None Detected
161247					
2	New Win Fr	Front of School by Main Entrance	black	Non-Fibrous	98 Detected Chrysotile 2
161248					
3	New Win Fr	Bsmt C'm #8	black	Non-Fibrous	98 Detected Chrysotile 2
161249					
4	New Win Fr	Rear Bsmt by Admin Entrance	gray	Non-Fibrous	98 Detected Chrysotile 2
161250					
5	New Win Fr	Courtyard	gray	Non-Fibrous	100 None Detected
161251					
6	Grille Caulk	By Door #6	gray	Non-Fibrous	100 None Detected
161252					
7	Door Caulk	Door #4	gray	Non-Fibrous	100 None Detected
161253					
8	Grille Caulk	Rear, Large Grille by Admin	red	Non-Fibrous	100 None Detected
161254					
9	Older Win Fr for New Win	Bsmt by C'm #9	gray	Non-Fibrous	100 None Detected
161255					
10	Older Win Fr for New Win	By Door #16	gray	Non-Fibrous	100 None Detected
161256					
11	Hard White GL for Older Win	By Door #16	gray	Non-Fibrous	98 Detected Chrysotile 2
161257					
12	Older Win Fr for Older Win	Boy's Lockers	gray	Non-Fibrous	100 None Detected
161258					
13	Older Win Fr for Older Win	C'm #260 (End of C'm)	gray	Non-Fibrous	100 None Detected
161259					
14	Hard White GL for #13	C'm #260 (End of C'm)	white	Non-Fibrous	98 Detected Chrysotile 2
161260					

FieldID	Material	Location	Color	Non-Asbestos %	Asbestos %
LabID					
15	Interior Soft Brown GL for #13	C'm #260 (End of C'm)	gray	Non-Fibrous	98 Detected Chrysotile 2
161261					
16	Int Soft Brown GL for Older Win	C'm #260 (Front of C'm)	gray	Non-Fibrous	97 Detected Chrysotile 3
161262					
17	Int Soft Brown GL for Older Win	Courtyard	gray	Non-Fibrous	97 Detected Chrysotile 3
161263					
18	Original Door Fr Caulk	Admin Entrance	gray	Non-Fibrous	98 Detected Chrysotile 2
161264					
19	Orig Door Fr	Door #7	gray	Non-Fibrous	97 Detected Chrysotile 3
161265					
20	Orig Window Caulk	Courtyard	gray	Non-Fibrous	97 Detected Chrysotile 3
161266					
21	Exposed Caulk on Lentil Above New Windows	Bsmt Win by Door #7	red	Non-Fibrous	100 None Detected
161267					
22	Exposed Caulk on Lentil Above New Windows	Bsmt Win by Door #8	gray	Non-Fibrous	97 Detected Chrysotile 3
161268					
23	Soft Brown Verticle Caulk in Brick	Auditorium	gray	Non-Fibrous	100 None Detected
161269					
24	Soft Brown Verticle Caulk in Brick	Gym- Street Side	gray	Non-Fibrous	100 None Detected
161270					
25	Verticle Grey Caulk in Brick	Rear, C'm Wing	gray	Non-Fibrous	100 None Detected
161271					
26	Verticle Grey Caulk in Brick	Front, C'm Wing	white	Non-Fibrous	98 Detected Chrysotile 2
161272					
27	Old? Caulk @ Wood Columns	@ Main Entrance	white	Non-Fibrous	97 Detected Chrysotile 3
161273					
28	Old? Caulk @ Wood Columns	@ Main Entrance	white	Non-Fibrous	98 Detected Chrysotile 2
161274					
29	White Sealant in Stone Sill	Random Front of School	white	Non-Fibrous	100 None Detected
161275					
30	White Sealant in Stone Sill	Random Front of School	white	Non-Fibrous	100 None Detected
161276					
31	Low, Ground Level Roof	Rear by Admin Entrance	black	Cellulose Non-Fibrous	40 None Detected 60
161277					
32	Low, Ground Level Roof	Rear by Admin Entrance	black	Cellulose Non-Fibrous	20 None Detected 80
161278					

FieldID	Material	Location	Color	Non-Asbestos %	Asbestos %
LabID					
33	Sealant @ Foundation Ground Level	Rear @ C'rms	black	Non-Fibrous	90 Detected Chrysotile 10
161279					
34	Sealant @ Foundation Ground Level	Rear @ C'rms	black	Non-Fibrous	90 Detected Chrysotile 10
161280					
35	Small Black DP? Area @ Foundation	Rear @ Gym	black	Non-Fibrous	100 None Detected
161281					
36	Flashing Protruding From Foundation	Gym- Street Side	black	Non-Fibrous	90 Detected Chrysotile 10
161282					
37	Flashing Protruding From Foundation	Gym- Rear	black	Non-Fibrous	90 Detected Chrysotile 10
161283					
38	Flashing Protruding From Foundation	By Door #4	black	Non-Fibrous	100 None Detected
161284					
39	Transite Drain Pipe in Soil	Rear @ Staff Parking	gray	Non-Fibrous	80 Detected Chrysotile 20
161285					
40	Transite Drain Pipe in Soil	Rear of Gym	gray	Non-Fibrous	80 Detected Chrysotile 20
161286					
41	Hard White Glazing for Older Window	Exterior Boy's Lockers	gray	Non-Fibrous	98 Detected Chrysotile 2
161287					
42	Assumed DP on Wood Surface on Outside Wall	AC Interior of Rm 263	black	Non-Fibrous	100 None Detected
161288					
43	Damp Proofing (DP) on Block	AC C'rm 263	black	Non-Fibrous	100 None Detected
161289					
44	DP on Block	2nd FL, AC, End of Corridor	black	Non-Fibrous	100 None Detected
161290					
45	Assumed Roofing Debris	Top of HVAC Unit #10, Maintenance	black	Non-Fibrous	100 None Detected
161291					
46	Assumed Roofing Debris	On Floor of Storage Loft, Maintenance	black	Cellulose Non-Fibrous	20 None Detected 80
161292					
47	Assumed Roofing Debris	On Floor of Storage Loft, Maintenance	black	Cellulose Non-Fibrous	15 None Detected 85
161293					
48	Adhesive for FG Duct Insul	Storage Loft, Maintenance	brown	Non-Fibrous	100 None Detected
161294					
49	Adhesive for FG Duct Insul @ HVAC-12, Maintenance		brown	Non-Fibrous	100 None Detected
161295					
50	Adhesive for FG Duct Insul	Above One Level Storage, Maintenance	brown	Non-Fibrous	100 None Detected
161296					

FieldID	Material	Location	Color	Non-Asbestos %	Asbestos %
LabID					
52	Joint Compound (JC)	Hall Along Band	white	Non-Fibrous	100 None Detected
161297					
52	JC	End of 260 Wing	white	Non-Fibrous	100 None Detected
161298					
53	JC	Maintenance~ Office	white	Non-Fibrous	100 None Detected
161299					
54	JC	Cafe- Kitchen Wall	white	Non-Fibrous	100 None Detected
161300					
55	JC	PT Classroom (Voc)	white	Non-Fibrous	100 None Detected
161301					
56	Gyp Wall #55	PT Classroom (Voc)	gray	Cellulose Non-Fibrous	10 None Detected 90
161302					
57	Cementitious CP (CCP)	Bsmnt Landing	white	Non-Fibrous	100 None Detected
161303					
58	CCP	Bsmnt Landing	white	Non-Fibrous	100 None Detected
161304					
59	CCP	Cafe by PT	gray	Non-Fibrous	100 None Detected
161305					
60	CCP	Cafe by Aud	white	Non-Fibrous	100 None Detected
161306					
61	CCP	Cafe by Rear Exit Door	white	Non-Fibrous	100 None Detected
161307					
62	Smooth Wall Plaster (SWP)	MC, AC by C'rm 256	multi	Non-Fibrous	100 None Detected
161308					
63	SWP	Admin~ Closet	white	Non-Fibrous	100 None Detected
161309					
64	SWP	C'rm 259~ Closet	white	Non-Fibrous	100 None Detected
161310					
65	SWP	C'rm 263	white	Non-Fibrous	100 None Detected
161311					
66	SWP	Bsmt Stairs Up to Media Ctr	multi	Non-Fibrous	100 None Detected
161312					
67	Soft CP-I	1st FL Main Corridor Along Admin	white	Cellulose Non-Fibrous	48 Detected 50 Chrysotile 2
161313					
68	CP-I	1st FL Main Corridor Along Admin	white	Cellulose Non-Fibrous	48 Detected 50 Chrysotile 2
161314					
Friday 08 July 2016					Page 4 of 13

FieldID	Material	Location	Color	Non-Asbestos %	Asbestos %
LabID					
69	CP-I	1st FL Main Corridor Along Admin	white	Cellulose Non-Fibrous	58 40 Detected Chrysotile 2
161315					
70	SAT-I (2x4) (Sm Hash Marks)	Maintenance	gray	Mineral Wool Cellulose Non-Fibrous	30 60 10 None Detected
161316					
71	SAT-I	Maintenance	gray	Mineral Wool Cellulose Non-Fibrous	30 60 10 None Detected
161317					
72	SAT-II (2x2) Fissures	Cafe	gray	Mineral Wool Cellulose Non-Fibrous	40 40 20 None Detected
161318					
73	SAT-II	Cafe	gray	Mineral Wool Cellulose Non-Fibrous	45 45 10 None Detected
161319					
74	SAT-III (2x4) Ash	Kitchen Area	gray	Fiberglass Non-Fibrous	90 10 None Detected
161320					
75	SAT-III	Kitchen Area	gray	Fiberglass Non-Fibrous	85 15 None Detected
161321					
76	SAT-IV (2x4) (Newer Side Hash Mks)	Bsmt MC	gray	Mineral Wool Cellulose Non-Fibrous	30 60 10 None Detected
161322					
77	SAT-IV	Bsmt C'm 103	gray	Mineral Wool Cellulose Non-Fibrous	20 70 10 None Detected
161323					
78	SAT-V 2x4 (Frosty)	MC 260 Wing	gray	Mineral Wool Cellulose Non-Fibrous	20 70 10 None Detected
161324					
79	SAT-V	MC 260 Wing	gray	Mineral Wool Cellulose Non-Fibrous	30 60 10 None Detected
161325					
80	1x1 PW AT	C'm 263	brown	Cellulose Non-Fibrous	95 5 None Detected
161326					
81	1x1 PW AT	C'm 260 Wing	multi	Cellulose Non-Fibrous	95 5 None Detected
161327					
82	Rosin Paper #81	C'm 260 Wing	brown	Cellulose	100 None Detected
161328					
83	Tectum Wall	Auditorium	multi	Cellulose Non-Fibrous	80 20 None Detected
161329					
84	Tectum Wall	Auditorium	multi	Cellulose Non-Fibrous	90 10 None Detected
161330					
85	DP on Block	AC C'm 215	black	Non-Fibrous	100 None Detected
161331					
Friday 08 July 2016					Page 5 of 13

FieldID	Material	Location	Color	Non-Asbestos %	Asbestos %
LabID					
86	Interior Flashing Protruding From Block	2nd FL, AC 2nd of Corridor	black	Cellulose Non-Fibrous	50 None Detected 50
161332					
87	Int Flashing Protruding From Block Wall	2nd FL, AC 2nd of Corridor	black	Cellulose Non-Fibrous	35 None Detected 65
161333					
88	DP AC	SW Landing by C'rm 263	black	Non-Fibrous	100 None Detected
161334					
89	SAT-V (Frosty)	2nd FL MC	multi	Mineral Wool Cellulose Non-Fibrous	30 None Detected 40 30
161335					
90	1x1 AT-II	Media Ctr (Upper)	multi	Mineral Wool Cellulose Non-Fibrous	50 None Detected 30 20
161336					
91	AT-II	Media Ctr (Upper)	multi	Mineral Wool Cellulose Non-Fibrous	50 None Detected 30 20
161337					
92	SAT-II	C'rm 302	multi	Mineral Wool Cellulose Non-Fibrous	50 None Detected 30 20
161338					
93	2x4 SAT-IV?	C'rm 326	multi	Mineral Wool Cellulose Non-Fibrous	40 None Detected 40 20
161339					
94	Smooth WP	2nd FL Boy's Rm	white	Non-Fibrous	100 None Detected
161340					
95	Smooth CP	C'rm 315 Closet	white	Non-Fibrous	100 None Detected
161341					
96	Smooth CP	C'rm 302	white	Non-Fibrous	100 None Detected
161342					
97	Glue Daub	C'rm 302	brown	Non-Fibrous	100 None Detected
161343					
98	Glue Daub	C'rm 302	brown	Non-Fibrous	100 None Detected
161344					
99	Fiberboard	Under Hdwd @ Stage (Aud)	multi	Cellulose Non-Fibrous	80 None Detected 20
161345					
100	Fiberboard	Under Hdwd @ Stage (Aud)	brown	Cellulose Non-Fibrous	95 None Detected 5
161346					
101	Kiln Block	C'rm 303	yellow	Non-Fibrous	100 None Detected
161347					
102	Kiln Block	C'rm 303	multi	Non-Fibrous	100 None Detected
161348					
103	Grey Sink DP	Media Ctr	gray	Cellulose Non-Fibrous	20 None Detected 80
161349					
Friday 08 July 2016					Page 6 of 13

FieldID	Material	Location	Color	Non-Asbestos %	Asbestos %
LabID					
104	White Sink DP	C'm 206	white	Cellulose Non-Fibrous	20 None Detected 80
161350					
105	Old Lab Table-I (Brown)	C'm 332	black	Non-Fibrous	100 None Detected
161351					
106	Thin Vinyl? Baseboard	Bathrm by 207	multi	Non-Fibrous	100 None Detected
161352					
107	Thin Vinyl? Bsbd	Cafe Cathrm	multi	Non-Fibrous	100 None Detected
161353					
108	Interior Window GL	Entrance to Cafe	gray	Non-Fibrous	98 Detected Chrysotile 2
161354					
109	Interior Door- Win GL	Nurse	tan	Non-Fibrous	100 None Detected
161355					
110	Interior Door- Win GL	Boy's Rm @ 1st FL MC	multi	Non-Fibrous	98 Detected Chrysotile 2
161356					
111	Adhesive for FG DI	Auditorium Mech Rm Loft	yellow	Non-Fibrous	100 None Detected
161357					
112	VT-I (White w/ Red Streaks)	End of MC by Central Admin	white	Non-Fibrous	100 None Detected
161358					
113	Mastic #112	End of MC by Central Admin	black	Cellulose Non-Fibrous	15 None Detected 85
161359					
114	VT-I	Closet, Hall to Maintenance	multi	Non-Fibrous	100 None Detected
161360					
115	Mastic #114	Closet, Hall to Maintenance	black	Cellulose Non-Fibrous	5 None Detected 95
161361					
116	VT-II (Grey w/ Grey-White)	TV Studio Small C'm	gray	Non-Fibrous	98 Detected Chrysotile 2
161362					
117	Mastic #116	TV Studio Small C'm	black	Non-Fibrous	90 Detected Chrysotile 10
161363					
118	VT-II	AV Rm	gray	Non-Fibrous	95 Detected Chrysotile 5
161364					
119	M #118	AV Rm	black	Non-Fibrous	90 Detected Chrysotile 10
161365					
120	VT-III (Grey w/ Black Spots)	Cafe	tan	Non-Fibrous	100 None Detected
161366					
121	Mastic #120	Cafe	black	Non-Fibrous	100 None Detected
161367					

FieldID	Material	Location	Color	Non-Asbestos %	Asbestos %
LabID					
122	VT-III	Cafe	tan	Non-Fibrous	100 None Detected
161368					
123	M #122	Cafe	yellow	Non-Fibrous	100 None Detected
161369					
124	VT-I	Under Carpet Admin Offices	tan	Non-Fibrous	100 None Detected
161370					
125	M #124	Under Carpet Admin Offices	black	Non-Fibrous	100 None Detected
161371					
126	VT-VI (Black-Brown)	Music	multi	Non-Fibrous	98 Detected Chrysotile 2
161372					
127	M #126	Music	black	Non-Fibrous	95 Detected Chrysotile 5
161373					
128	VT-VI	Music	multi	Non-Fibrous	98 Detected Chrysotile 2
161374					
129	M #128	Music	black	Non-Fibrous	95 Detected Chrysotile 5
161375					
130	VT-VII Light Creme	Breezeway to Cafe	tan	Non-Fibrous	100 None Detected
161376					
131	2nd Layer #130	Breezeway to Cafe	pink	Non-Fibrous	100 None Detected
161377					
132	M #131	Breezeway to Cafe	black	Non-Fibrous	100 None Detected
161378					
133	2nd Layer Under VT-VII	Breezeway to Cafe	pink	Non-Fibrous	100 None Detected
161379					
134	Adhesive #133	Breezeway to Cafe	tan	Non-Fibrous	100 None Detected
161380					
135	VT-IV (New Creme)	Teach Lounge 260 Wing	tan	Non-Fibrous	100 None Detected
161381					
136	M #135	Teach Lounge 260 Wing	black	Non-Fibrous	95 Detected Chrysotile 5
161382					
137	Red Vinyl Strip	Under Carpet w/ Sample #124	brown	Non-Fibrous	100 None Detected
161383					
138	BL M #137	Under Carpet w/ Sample #124	black	Non-Fibrous	100 None Detected
161384					
139	VT-VIII (Chocolate Chip)	Hall Along Music	tan	Non-Fibrous	95 Detected Chrysotile 5
161385					
Friday 08 July 2016					Page 8 of 13

FieldID	Material	Location	Color	Non-Asbestos %	Asbestos %
LabID					
140	M #139	Hall Along Music	black	Cellulose Non-Fibrous	2 88 Detected Chrysotile 10
161386					
141	VT-X (Grey/Light Pink w/ Grey Streaks)	Bsmt Main Corridor	tan	Non-Fibrous	98 Detected Chrysotile 2
161387					
142	M #141	Bsmt Main Corridor	black	Cellulose Non-Fibrous	2 98 None Detected
161388					
143	VT-X	Bsmt Records Tunnel Office	tan	Non-Fibrous	98 Detected Chrysotile 2
161389					
144	M #143	Bsmt Records Tunnel Office	black	Cellulose Non-Fibrous	2 98 None Detected
161390					
145	New Beige VT	Office by 302	tan	Non-Fibrous	100 None Detected
161391					
146	Mastic #145	Office by 302	black	Cellulose Non-Fibrous	2 98 None Detected
161392					
147	New Yellow VT	C'rm 307	tan	Non-Fibrous	100 None Detected
161393					
148	M #147	C'rm 307	black	Cellulose Non-Fibrous	2 98 None Detected
161394					
149	New Mint VT	Ms Jennings (101)	green	Non-Fibrous	100 None Detected
161395					
150	M #149	Ms Jennings (101)	yellow	Cellulose Non-Fibrous	2 98 None Detected
161396					
151	New Mint VT	Under Carpet- Main Office	green	Non-Fibrous	100 None Detected
161397					
152	M #151	Under Carpet- Main Office	multi	Cellulose Non-Fibrous	2 98 None Detected
161398					
153	New Yellow VT	Under Carpet- Main Office	yellow	Non-Fibrous	100 None Detected
161399					
154	M #153	Under Carpet- Main Office	black	Cellulose Non-Fibrous	2 98 None Detected
161400					
155	Mastic for New Pink VT	C'rm 106 (Bsmt)	black	Cellulose Non-Fibrous	2 98 None Detected
161401					
156	Mastic for New Yellow VT	MC- 260 Wing	black	Cellulose Non-Fibrous	2 98 None Detected
161402					
157	Carpet Glue	C'rm 201	yellow	Cellulose Non-Fibrous	2 98 None Detected
161403					

FieldID	Material	Location	Color	Non-Asbestos %	Asbestos %
LabID					
158	Carpet Glue	C'm 202	yellow	Cellulose Non-Fibrous	2 None Detected 98
161404					
159	White Sink DP	Hall by 205	white	Cellulose Non-Fibrous	10 None Detected 90
161405					
160	Grey Sink DP	C'm 259	gray	Cellulose Non-Fibrous	10 None Detected 90
161406					
161	DP on Wood Between CMU Wall & Horiz Beam	C'm 315	black	Non-Fibrous	98 Detected Chrysotile 2
161407					
162	Interior Win GL for Door	Maintenance Office	multi	Non-Fibrous	95 Detected Chrysotile 5
161408					
163	Interior Win GL for Door	Athletic Dir Office	multi	Non-Fibrous	100 None Detected
161409					
164	E Off FG	AC, MC, 260 Wing	gray	Mineral Wool Cellulose Non-Fibrous	50 None Detected < 1 50
161410					
165	E Off FG	Aud Mech Rm Loft	gray	Mineral Wool Cellulose Non-Fibrous	50 None Detected < 1 50
161411					
166	E Off FG	Cafe Mech Rm	gray	Mineral Wool Cellulose Non-Fibrous	50 None Detected < 1 50
161412					
167	PI	AC, MC, 260 Wing	gray	Cellulose Non-Fibrous	20 Detected Chrysotile 60 20
161413					
168	PI	AC, Boy's Rm, 260 Wing	gray	Cellulose Non-Fibrous	20 Detected Chrysotile 60 20
161414					
169	Light Beige Plaster on Horiz Beam	Auditorium Mech Rm Loft	gray	Mineral Wool Cellulose Non-Fibrous	< 1 None Detected 2 98
161415					
170	Light Beige Pla on Horiz Beam	Auditorium Mech Rm Loft	gray	Mineral Wool Cellulose Non-Fibrous	< 1 None Detected 2 98
161416					
171	Light Beige Pla on Horiz Beam	Auditorium Mech Rm Loft	gray	Mineral Wool Cellulose Non-Fibrous	< 1 None Detected 2 98
161417					
172	Fire Proofing FP-I	Auditorium- Rear- Random	white	Mineral Wool Non-Fibrous	60 None Detected 40
161418					
173	FP-I	Auditorium- Rear- Random	white	Mineral Wool Non-Fibrous	70 None Detected 30
161419					
174	FP-I	Auditorium- Rear- Random	white	Cellulose Non-Fibrous	70 None Detected 30
161420					
175	FP-I	Auditorium- Rear- Random	white	Cellulose Non-Fibrous	70 None Detected 30
161421					

FieldID	Material	Location	Color	Non-Asbestos %	Asbestos %
LabID					
176	FP-I	Auditorium- Rear- Random	white	Cellulose Non-Fibrous	65 None Detected 35
161422					
177	Fire Proofing FP-II	Cafe Mech Rm- Debris	white	Cellulose Non-Fibrous	60 None Detected 40
161423					
178	FP-II	Cafe Mech Rm	white	Cellulose Non-Fibrous	60 None Detected 40
161424					
179	FP-II	Auditorium Mechanical Room Loft Debris	gray	Mineral Wool Non-Fibrous	75 None Detected 25
161425					
180	FP-II	Auditorium Mechanical Room Loft Debris	white	Mineral Wool Non-Fibrous	75 None Detected 25
161426					
181	FP-II	Auditorium Mechanical Room Loft @ Beam	white	Mineral Wool Non-Fibrous	75 None Detected 25
161427					
182	FP-I?? as Debris	Front of Catwalk~ Aud	white	Mineral Wool Non-Fibrous	75 None Detected 25
161428					
183	Joint Compound (JC)	Gym Lobby by Ramp	white	Non-Fibrous	100 None Detected
161429					
184	JC	C'rm 317	white	Non-Fibrous	100 None Detected
161430					
185	SAT-III (Ash)	Bsmt Laundry	gray	Mineral Wool Non-Fibrous	90 None Detected 10
161431					
186	Fiberboard Under Hdwd	Bsmt Gym- Fitness Rm	tan	Cellulose Non-Fibrous	90 None Detected 10
161432					
187	Fiberboard Under Hdwd	Bsmt Gym- Fitness Rm	multi	Cellulose Non-Fibrous	80 None Detected 20
161433					
188	Exposed Glue Tab on Metal Duct	Girl's Lockers- Mech Rm	brown	Non-Fibrous	90 Detected Chrysotile 10
161434					
189	Exposed Glue Tab on Metal Duct	Girl's Lockers- Mech Rm	multi	Non-Fibrous	85 Detected Chrysotile 15
161435					
190	Lab Table-II (Pure Black)	C'rm 321	black	Other Non-Fibrous	10 None Detected 90
161436					
191	Lab Table- II	C'rm 317	black	Non-Fibrous	100 None Detected
161437					
192	L Table- III	C'rm 321- Storage	black	Non-Fibrous	80 Detected Chrysotile 20
161438					
193	L Table- IV	Storage Between 323 & 325	black	Non-Fibrous	80 Detected Chrysotile 20
161439					

FieldID	Material	Location	Color	Non-Asbestos %	Asbestos %
LabID					
194	L Table- V	C'rm 325 (Sm Table)	black	Non-Fibrous	100 None Detected
161440					
195	L Table- V	C'rm 325 (Lg Table)	black	Non-Fibrous	100 None Detected
161441					
196	E Off FG	AC, Gym Lobby- Hall	gray	Mineral Wool Non-Fibrous	50 None Detected 50
161442					
197	E Off FG	AC, Boy's Lockers	gray	Mineral Wool Non-Fibrous	50 None Detected 50
161443					
198	E Off FG	Girl's Lockers- Mech Rm	gray	Mineral Wool Non-Fibrous	50 None Detected 50
161444					
199	E Off FG	Bsmt @ Laundry Rm	gray	Mineral Wool Non-Fibrous	40 None Detected 60
161445					
200	GL for Win in Metal Door	Bsmt Hall	multi	Non-Fibrous	98 Detected Chrysotile 2
161446					
201	GL for Win in Metal Door	C'rm 323	multi	Non-Fibrous	98 Detected Chrysotile 2
161447					
202	New VT Sea Blue	C'rm 262	green	Non-Fibrous	100 None Detected
161448					
203	M #202	C'rm 262	black	Cellulose Non-Fibrous	2 None Detected 98
161449					
204	M for New VT Type	C'rm 321 Storage	multi	Cellulose Non-Fibrous	2 None Detected 98
161450					
205	New VT Creme	C'rm 323	tan	Non-Fibrous	100 None Detected
161451					
206	M #205	C'rm 323	black	Cellulose Non-Fibrous	2 None Detected 98
161452					
207	VT-VIII Choc Chip	Gym Lobby	tan	Non-Fibrous	90 Detected Chrysotile 10
161453					
208	M #207	Gym Lobby	black	Cellulose Non-Fibrous	2 Detected Chrysotile 3 95
161454					
209	VT-VIII	Boy's Locker Office- 2	tan	Non-Fibrous	90 Detected Chrysotile 10
161455					
210	M #209	Boy's Locker Office- 2	black	Cellulose Non-Fibrous	2 Detected Chrysotile 10 88
161456					
211	VT-VIII	Small Observation Loft From C'rm 321	tan	Non-Fibrous	90 Detected Chrysotile 10
161457					

FieldID	Material	Location	Color	Non-Asbestos %	Asbestos %
LabID					
212	M #211	Small Observation Loft From C'rm 321	black	Non-Fibrous	90 Detected Chrysotile 10
161458					
213	VT-II (Grey w/ Grey-White)	Bsmt Hall	tan	Non-Fibrous	95 Detected Chrysotile 5
161459					
214	M #213	Bsmt Hall	black	Non-Fibrous	95 Detected Chrysotile 5
161460					
215	Old Green Vinyl Floor	Rear Girl's Locker @ Stairs	green	Non-Fibrous	100 None Detected
161461					
216	Adhesive #215	Rear Girl's Locker @ Stairs	brown	Cellulose Non-Fibrous	2 None Detected 98
161462					
217	Old Green VF	Rear Girl's Locker @ Stairs	green	Non-Fibrous	100 None Detected
161463					
218	Adh #217	Rear Girl's Locker @ Stairs	brown	Cellulose Non-Fibrous	2 None Detected 98
161464					
Friday 08 July 2016		End of Report		Page 13 of 13	
Analyzed by:		Batch: 14600			

CHAIN OF CUSTODY

10/11

all samples this sheet are exterior samples

Universal Environmental Consultants
12 Brewster Road
Framingham, MA 01702
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adieb@uec-env.com

Town/City: Westport, MA Building Name Westport High School

EXTERIOR

Sample	Result	Description of Material	Sample Location
1		new window frame caulk	metal panel system by door #13
2		new win fr	front of school by main entrance
3		new win fr	Basement #8
4		new win fr	rear basement by Admin entrance
5		new win fr	courtyard
6		Grille caulk	By door #6
7		door caulk	door #4
8		Grille caulk	near, large Grille by Admin
9		older win fr for new win	Basement by room #9
10		older win fr for older win	By door #16
11		hard white gl for older win	By door #16
12		older win fr for older win	Boys Lockers
13		older win fr for older win	room #260 (end of room)
14		hard white gl for #13	
15		interior soft Brown gl for #13	
16		int soft Brown gl for older win	room #260 (front of room)
17		int soft Brown gl for older win	courtyard
18		original door fr caulk	Admin entrance
19		orig door fr	door #7
20		orig window caulk	courtyard

Reported By: [Signature] Date: 7/1/16
 Received By: [Signature] Date: 7/5/16

Due Date: 7/2/16

2011

CHAIN OF CUSTODY

all samples this sheet are exterior samples

Universal Environmental Consultants
12 Brewster Road
Framingham, MA 01702
Tel: (508) 628-5486 - Fax: (508) 628-5488
adie@uec-env.com

Town/City: WESTPORT, MA Building Name: WESTPORT H.S.

EXTERIOR

Sample	Result	Description of Material	Sample Location
21		Exposed caulk on ceiling above new window	Basement window by Door #7
22		Exposed caulk on ceiling above new window	Basement window by Door #8
23		soft brown vertical caulk in Brick	auditorium
24		soft brown vertical caulk in Brick	Gym - street side
25		vertical grey caulk in Brick	rear, c/wing
26		vertical grey caulk in Brick	front, c/wing
27		old? caulk @ wood columns @ main entrance	
28		old? caulk @ wood columns	" " "
29		white sealant in stone sill	random front of school
30		white sealant in stone sill	" " "
31		low, ground level roof	rear by Admin entrance
32		low, ground level roof	" " " "
33		sealant @ foundation ground level	rear @ c/wing
34		sealant @ foundation ground level	rear @ c/wing
35		small black dip area @ foundation	rear @ Gym
36		flashing protruding from foundation	Gym - street side
37		flashing " "	" Gym - rear
38		flashing " "	" By door #4
39		transit drain pipe in soil	rear @ staff parking
40		transit drain pipe in soil	rear of Gym

Reported By: James R. Buse Date: 7.1.16 Due Date: 7.2.16

Received By: _____ Date: _____

CHAIN OF CUSTODY

#422 → #182 = orig
B2dg
#183 → 218 = ADDITION

Universal Environmental Consultants
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Town/City: WESTPORT, MA Building Name: WESTPORT H.S.

Sample	Result	Description of Material	Sample Location
41		hard white glazing for older window	^{EXTERIOR} Boy's Lockers
42		Assumed dp on wood surface on outside wall	AC interior of rm 263
43		damproofing (dp) on block	AC c/c in 263
44		dp on block	2 nd FL, AC, end of corridor
45		assumed roofing debris	Top of HVAC unit #10 ^{MAINTENANCE}
46		assumed roofing debris	on floor of storage loft
47		assumed roofing debris	on stairs of storage loft
48		adhesive for FG duct insul	storage loft ^{MAINTENANCE}
49		adhesive for FG duct insul	@ HVAC-12
50		adhesive for FG duct insul	above one level stage
51		Joint Compound (JC)	hall along BAND
52		JC	end of 260 wing
53		JC	MAINTENANCE ~ OFFICE
54		JC	CAFE — Kitchen wall
55		JC	PT classroom (VOC)
56		gyp wall #55	" " "
57		CEMENTITIOUS CP (CCP)	Basmt Landing
58		CCP	Basmt Landing
59		CCP	CAFE from PT
60		CCP	CAFE by AUD

Reported By: Shawn R. Bure Date: 7/1/12 Due Date: 7/26

Received By: _____ Date: _____

CHAIN OF CUSTODY

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Town/City: Westport, MA Building Name: Westport H.S.

Sample	Result	Description of Material	Sample Location
61		CCP	CAFÉ ^{by} rear exit door
62		smooth wall plaster (SWP)	mc, AC by c'm 256
63		SWP	Admin ~ closet
64		SWP	c'm 259 ~ closet
65		SWP	c'm 263
66		SWP	Bsmt stairs up to Media Ctr
67		SOFT CP-I	1ST Fl main corridor along Admin
68		CP-I	↓ ↓ ↓
69		CP-I	
70		SAT-I (2.4) (on ashmarks)	MAINTENANCE
71		SAT-I	" "
72		SAT-II (2.2) fissures	CAFÉ
73		SAT-II	CAFÉ
74		SAT-III (2.4) ash	Kitchen Areas
75		SAT-III	" "
76		SAT-IV (2.4) (newer side ashmarks)	Bsmt mc
77		SAT-IV	Bsmt c'm 103
78		SAT-V 2.4 (Kerosene)	mc 260 wing
79		SAT-V	" " J.
80		1:1 PW [AT]	c'm 263

Reported By: Sam R. Bunn Date: 7/4/16 Due Date: 7/16

Received By: _____ Date: _____

CHAIN OF CUSTODY

Universal Environmental Consultants
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adieb@uec-env.com

Town/City: Westport, MA Building Name: Westport HS

Sample	Result	Description of Material	Sample Location
81		1-1 PW AT	c'm 260 wing
82		rosin paper #81	" " ✓
83		Tectum wall	auditorium
84		Tectum wall	" "
85		dp on black	AC c'm 315
86		INTERIOR FLASHING protruding from	Black wall 2 nd FL, AC end of corridor
87		INT. FLASHING " " ✓	" " " "
88		dp AC	SW Landing by c'm 263
89		SAT-IV (frosty)	2 nd FL me
90		1-1 AT-II	Media Ctr (upper)
91		AT-II	Media Ctr (upper)
92		SAT-II	c'm 302
93		2x4 SAT-IV?	c'm 326
94		smooth wp	2 nd FL Boys rm
95		smooth cp	c'm 315 closet
96		smooth cp	c'm 302
97		glue daub	c'm 302
98		glue daub	c'm 302
99		Fiber board	under board @ stage (aud.)
100		Fiber board	" " " "

Reported By: James A. Buse Date: 7-1-16 Due Date: 7-26

Received By: _____ Date: _____

CHAIN OF CUSTODY

Universal Environmental Consultants
12 Brewster Road
Framingham, MA 01702
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adieb@uec-env.com

Town/City: WESTPORT, MA Building Name: WESTPORT H.S.

Sample	Result	Description of Material	Sample Location
101		Kiln Block	c'm 303
102		Kiln Block	" "
103		grey sink dp	media ctr
104		white sink dp	c'm 206
105		old LAB TABLE - I (Brown)	c'm 332
106		Thin vinyl? Baseboard	Bathrm by 207
107		Thin vinyl? Bshd	Cafe Bathrm
108		interior window gl	entrance to cafe
109		interior door - wingl	Nurse
110		interior door - wingl	Boys in c 1 st FL me
111		adhesive for FLG (DL)	auditorium mech rm left
112		VT-I (white w/ red streaks)	end of me by Central Admin
113		MASTIC #112	" " "
114		VT-I	closet, hall to MAINTENANCE
115		MASTIC #114	" " " "
116		VT-II (grey w/ grey-white)	T.V. studio small c'm
117		MASTIC #116	" " "
118		VT-II	AV rm
119		m #118	AV rm
120		VT-III (grey w/ black spots)	CAFE

Reported By: John B... Date: 7/1/16

Due Date: 7/26

Received By: _____ Date: _____

CHAIN OF CUSTODY

7/11

Universal Environmental Consultants
12 Brewster Road
Framingham, MA 01702
Tel: (508) 628-5486 - Fax: (508) 628-5488
adie@uec-env.com

Town/City: Westport, MA Building Name: Westport 4.5

Sample	Result	Description of Material	Sample Location
121		MASTIC #12	CAFE
122		VT-III	
123		m #122	↓
124		VT-I	under carpet Admin OFFICES
125		(m) #124	" " "
126		VT-VL (black-brown)	MUSIC
127		m #126	MUSIC
128		VT-VL	MUSIC
129		m #128	MUSIC
130		VT-VII Light cream	Breakroom to CAFE
131		2 nd Layer #130	
132		m #131	
133		2 nd Layer under VT-VII	
134		Adhesives #133	↓ ↓
135		VT-IV (new cream)	Teach. Lounge 260 Wing
136		(m) #135	" " "
137		red vinyl strip	under carpet w/ sample #124
138		Bl (m) #137	" " " "
139		VT-VIII (chocolate chip)	hall along Music
140		m #139	" " "

Reported By: Sean Bunn Date: 7/1/16 Due Date: 72 hr

Received By: _____ Date: _____

CHAIN OF CUSTODY

Universal Environmental Consultants
12 Brewster Road
Framingham, MA 01702
Tel: (508) 628-5486 - Fax: (508) 628-5488
adieb@uec-env.com

Town/City: Westport, MA Building Name: Westport H.S.

Sample	Result	Description of Material	Sample Location
141		VT- X (grey/light pink w/ grey streaks)	Bsmt main corridor
142		m # 141	" " "
143		VT- X	Bsmt Records Tunnel Office
144		m # 143	" " "
145		new beige VT	office by 302
146		MASTIC #145	" " "
147		new yellow VT	crm 307
148		m # 147	" "
149		new mint VT	Ms Jennings (101)
150		m # 149	" " "
151		new mint VT	under carpet - main office
152		m # 151	" " "
153		new yellow VT	under carpet - main office
154		m # 153	" " "
155		MASTIC for new Pink VT	crm 106 (Bsmt)
156		MASTIC for new Yellow VT	mc - 260 wing
157		carpet glue	crm 201
158		carpet glue	crm 202
159		white sink dp	hall by 205
160		grey sink dp	crm 259

Reported By: [Signature] Date: 7-1-16 Due Date: 7-2-16

Received By: _____ Date: _____

9011

CHAIN OF CUSTODY

Universal Environmental Consultants
12 Brewster Road
Framingham, MA 01702
Tel: (508) 628-5486 - Fax: (508) 628-5488
adieb@uec-env.com

Town/City: Westport, MA Building Name: Westport H.S.

Sample	Result	Description of Material	Sample Location
161		dp on wood between cmu	ACL: horiz. beam c/m 315
162		interior wingl. for door	MAINTENANCE OFFICE
163		interior wingl. for door	ATHLETIC DIR. OFFICE
164		(E) OFF FG	AC, MC, 260 wing
165		(E) OFF FG	Aud. mech rm loft
166		(E) OFF FG	CARE mech. rm
167		(P1)	AC, MC, 260 wing
168		(P1)	AC, Bq's rm, 260 wing
169		Light Beige plaster on horiz. beam	Auditorium mech rm loft
170		Light Beige pla	"
171		Light Beige pla	"
172		FIREPROOFING FP-I	auditorium - rear - random
173		FP-I	
174		FP-I	
175		FP-I	
176		FP-I	
177		Fireproofing FP-II	CARE mech rm - debris
178		FP-II	CARE mech rm
179		FP-II	auditorium mechanical room loft debris
180		FP-II	" " " " debris

Reported By: Len Busc Date: 7/1/16 Due Date: 7/2/16

Received By: _____ Date: _____

CHAIN OF CUSTODY

10/11

Universal Environmental Consultants
12 Brewster Road
Framingham, MA 01702
Tel: (508) 628-5486 - Fax: (508) 628-5488
adieb@uec-env.com

Town/City: WESTPORT, MA Building Name: WESTPORT H.S.

Sample	Result	Description of Material	Sample Location
181		FP-II	auditorium mechanical room left e beam
182		FP-I?? as debris	front of catwalk ~ aud.
183		Joint Compound (JC)	Gym Lobby by ramp
184		JC	circ 317
185		SAT-III (ash)	Bent Laundry
186		FIBERBOARD under hood	Bent Gym-Fitness rm
187		FIBERBOARD " "	" " "
188		Exposed glue tab on metal door	Girl's Lockers - mech rm
189		" " " "	" " "
190		LAB TABLE - II (pure Black)	circ 321
191		LAB TABLE - II	circ 317
192		L. TABLE - III	circ 321 - storage
193		L. TABLE - IV	storage between 323 & 325
194		L. TABLE IV	circ 325 (sm table)
195		L. TABLE IV	circ 325 (Lg table)
196		(E) OFF FG	AG, Gym Lobby - hall
197		(E) OFF FG	AG, Boy's Lockers
198		(E) OFF FG	Girl's Lockers - mech rm
199		(E) OFF FG	Bent & Laundry rm
200		gl. for win in metal door	Bent hall

Reported By: Sam Bunn Date: 7/1/16 Due Date: 7/26

Received By: _____ Date: _____

11/01/11

CHAIN OF CUSTODY

Universal Environmental Consultants
12 Brewster Road
Framingham, MA 01702
Tel: (508) 628-5486 - Fax: (508) 628-5488
adieb@uec-env.com

Town/City: WESTPORT, MA Building Name: WESTPORT H.S.

Sample	Result	Description of Material	Sample Location
201		gl. for win in metal door	c'm 323
202		new vt sea blue	c'm 267
203		(m) # 202	" "
204		(m) for new vt type	c'm 321 storage
205		new vt creme	c'm 323
206		(m) # 205	c'm 323
207		vt- vtl choc. chip	Gym lobby
208		(m) # 207	" "
209		vt- vtl	Boys locker office - 2
210		m # 209	" "
211		vt- vtl	small observation loft from c'm 321
212		m # 211	" " " "
213		vt- II (gray w/gray white)	Boys hall
214		(m) # 213	" "
215		old green vinyl floor	rear Girls locker & stairs
216		Adhesive # 215	
217		old green v.f.	
218		adh. # 217	

Reported By: John Burn Date: 7/1/11 Due Date: 7-2-11

Received By: _____ Date: _____

131602784

CHAIN OF CUSTODY

Universal Environmental Consultants
12 Brewster Road
Framingham, MA 01702
Tel: (508) 628-5486 - Fax: (508) 628-5488
adieb@uec-env.com

RIR-0-CE115

 Town/City: Westport, MA Building Name: Westport High School

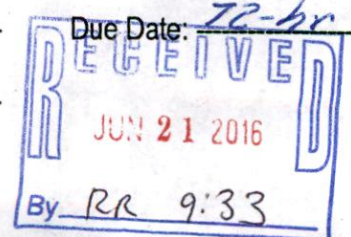
Sample	Result	Description of Material	Sample Location
		22357530	Boiler rm, by WTR MTR rm
		22357575	rim 101, Bsm
		22357525	rim 104, Bsm
		22357569	Bsm whse by ELECT rm
		22357567	Records Tunnel, Bsm
		22357531	1st FL, Athletics Office
		22357571	rim 265
		22357549	outside Bldg, From hall to Gate
		All cassettes run (10m) (150pm) = 1506	

Reported By: Paul Bunn Date: 6/20/16

Received By: _____ Date: _____

Fedex

807152169860





EMSL Analytical, Inc.

7 Constitution Way, Suite 107 Woburn, MA 01801
Tel/Fax: (781) 933-8411 / (781) 933-8412
<http://www.EMSL.com / bostonlab@emsl.com>

EMSL Order: 131602784

Customer ID: UEC63

Customer PO:

Project ID:

Attn: Ammar Dieb
Universal Environmental Consultants
12 Brewster Road
Framingham, MA 01702

Phone: (617) 984-9772

Fax: (508) 628-5488

Collected:

Received: 06/21/2016

Analyzed: 06/24/2016

Project: Westport High School - Westport, MA

Test Report: Air-O-Cell(™) Analysis of Fungal Spores & Particulates by Optical Microscopy (Methods EMSL 05-TP-003, ASTM D7391)

Lab Sample Number:	131602784-0001			131602784-0002			131602784-0003		
Client Sample ID:	22357530			22357575			22357525		
Volume (L):	150			150			150		
Sample Location	Boiler Rm, by Wtr Mtr Rm			C'rm 101, Bsmt			C'rm 104, Bsmt		
Spore Types	Raw Count	Count/m³	% of Total	Raw Count	Count/m³	% of Total	Raw Count	Count/m³	% of Total
Alternaria	1*	7*	0.5	-	-	-	-	-	-
Ascospores	1	20	1.4	1	20	2.9	2	40	3.1
Aspergillus/Penicillium	20	440	31.1	3	70	10.3	5	100	7.8
Basidiospores	5	100	7.1	7	200	29.4	18	390	30.5
Bipolaris++	-	-	-	-	-	-	-	-	-
Chaetomium	-	-	-	-	-	-	-	-	-
Cladosporium	38	830	58.6	17	370	54.4	29	630	49.2
Curvularia	-	-	-	-	-	-	1	20	1.6
Epicoccum	1	20	1.4	-	-	-	-	-	-
Fusarium	-	-	-	-	-	-	-	-	-
Ganoderma	-	-	-	-	-	-	1	20	1.6
Myxomycetes++	-	-	-	1	20	2.9	1	20	1.6
Pithomyces	-	-	-	-	-	-	-	-	-
Rust	-	-	-	-	-	-	-	-	-
Scopulariopsis	-	-	-	-	-	-	-	-	-
Stachybotrys	-	-	-	-	-	-	-	-	-
Torula	-	-	-	-	-	-	-	-	-
Ulocladium	-	-	-	-	-	-	-	-	-
Unidentifiable Spores	-	-	-	-	-	-	-	-	-
Zygomycetes	-	-	-	-	-	-	-	-	-
Oidium	-	-	-	-	-	-	1	20	1.6
Polythrincium	-	-	-	-	-	-	2	40	3.1
Total Fungi	66	1417	100	29	680	100	60	1280	100
Hyphal Fragment	1	20	-	-	-	-	-	-	-
Insect Fragment	-	-	-	-	-	-	-	-	-
Pollen	2	40	-	-	-	-	5	100	-
Analyt. Sensitivity 600x	-	22	-	-	22	-	-	22	-
Analyt. Sensitivity 300x	-	7*	-	-	7*	-	-	7*	-
Skin Fragments (1-4)	-	1	-	-	2	-	-	2	-
Fibrous Particulate (1-4)	-	1	-	-	1	-	-	1	-
Background (1-5)	-	1	-	-	1	-	-	1	-

Bipolaris++ = Bipolaris/Drechslera/Exserohilum
Myxomycetes++ = Myxomycetes/Periconia/Smut

Steve Grise, Laboratory Manager
or other approved signatory

No discernable field blank was submitted with this group of samples.

High levels of background particulate can obscure spores and other particulates leading to underestimation. Background levels of 5 indicate an overloading of background particulates, prohibiting accurate detection and quantification. Present = Spores detected on overloaded samples. Results are not blank corrected unless otherwise noted. The detection limit is equal to one fungal spore, structure, pollen, fiber particle or insect fragment. "" Denotes particles found at 300X. "-" Denotes not detected. Due to method stopping rules, raw counts in excess of 100 are extrapolated based on the percentage analyzed. EMSL maintains liability limited to cost of analysis. 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. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc. Woburn, MA AIHA-LAP, LLC --EMLAP Accredited #180179

Initial report from: 06/24/2016 11:37:05

For information on the fungi listed in this report, please visit the Resources section at www.emsl.com



EMSL Analytical, Inc.

7 Constitution Way, Suite 107 Woburn, MA 01801
Tel/Fax: (781) 933-8411 / (781) 933-8412
<http://www.EMSL.com / bostonlab@emsl.com>

EMSL Order: 131602784

Customer ID: UEC63

Customer PO:

Project ID:

Attn: Ammar Dieb
Universal Environmental Consultants
12 Brewster Road
Framingham, MA 01702

Phone: (617) 984-9772

Fax: (508) 628-5488

Collected:

Received: 06/21/2016

Analyzed: 06/24/2016

Project: Westport High School - Westport, MA

Test Report: Air-O-Cell(™) Analysis of Fungal Spores & Particulates by Optical Microscopy (Methods EMSL 05-TP-003, ASTM D7391)

Lab Sample Number: Client Sample ID: Volume (L): Sample Location	131602784-0004 22357569 150 Bsmt Whse by Elect Rm			131602784-0005 22357567 150 Record Tunnel, Bsmt			131602784-0006 22357531 150 1st Fl, Athletics Office		
Spore Types	Raw Count	Count/m³	% of Total	Raw Count	Count/m³	% of Total	Raw Count	Count/m³	% of Total
Alternaria	-	-	-	1	20	2.2	-	-	-
Ascospores	-	-	-	-	-	-	-	-	-
Aspergillus/Penicillium	-	-	-	7	200	21.7	2	40	16.7
Basidiospores	3	70	23	10	220	23.9	4	90	37.5
Bipolaris++	-	-	-	-	-	-	-	-	-
Chaetomium	-	-	-	-	-	-	-	-	-
Cladosporium	8	200	65.8	19	420	45.7	3	70	29.2
Curvularia	-	-	-	-	-	-	-	-	-
Epicoccum	1	20	6.6	-	-	-	1	20	8.3
Fusarium	-	-	-	-	-	-	-	-	-
Ganoderma	-	-	-	1	20	2.2	-	-	-
Myxomycetes++	1*	7*	2.3	2	40	4.3	1	20	8.3
Pithomyces	-	-	-	-	-	-	-	-	-
Rust	-	-	-	-	-	-	-	-	-
Scopulariopsis	-	-	-	-	-	-	-	-	-
Stachybotrys	-	-	-	-	-	-	-	-	-
Torula	-	-	-	-	-	-	-	-	-
Ulocladium	-	-	-	-	-	-	-	-	-
Unidentifiable Spores	-	-	-	-	-	-	-	-	-
Zygomycetes	-	-	-	-	-	-	-	-	-
Oidium	-	-	-	-	-	-	-	-	-
Polythrincium	1*	7*	2.3	-	-	-	-	-	-
Total Fungi	14	304	100	40	920	100	11	240	100
Hyphal Fragment	-	-	-	2	40	-	-	-	-
Insect Fragment	-	-	-	1	20	-	-	-	-
Pollen	1*	7*	-	1	20	-	-	-	-
Analyt. Sensitivity 600x	-	22	-	-	22	-	-	22	-
Analyt. Sensitivity 300x	-	7*	-	-	7*	-	-	7*	-
Skin Fragments (1-4)	-	2	-	-	2	-	-	2	-
Fibrous Particulate (1-4)	-	1	-	-	1	-	-	1	-
Background (1-5)	-	1	-	-	2	-	-	2	-

Bipolaris++ = Bipolaris/Drechslera/Exserohilum
Myxomycetes++ = Myxomycetes/Periconia/Smut

No discernable field blank was submitted with this group of samples.

Steve Grise, Laboratory Manager
or other approved signatory

High levels of background particulate can obscure spores and other particulates leading to underestimation. Background levels of 5 indicate an overloading of background particulates, prohibiting accurate detection and quantification. Present = Spores detected on overloaded samples. Results are not blank corrected unless otherwise noted. The detection limit is equal to one fungal spore, structure, pollen, fiber particle or insect fragment. "" Denotes particles found at 300X. "-" Denotes not detected. Due to method stopping rules, raw counts in excess of 100 are extrapolated based on the percentage analyzed. EMSL maintains liability limited to cost of analysis. 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. Samples received in good condition unless otherwise noted.

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Initial report from: 06/24/2016 11:37:05

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Framingham, MA 01702

Phone: (617) 984-9772

Fax: (508) 628-5488

Collected:

Received: 06/21/2016

Analyzed: 06/24/2016

Project: Westport High School - Westport, MA

Test Report: Air-O-Cell(™) Analysis of Fungal Spores & Particulates by Optical Microscopy (Methods EMSL 05-TP-003, ASTM D7391)

Lab Sample Number:	131602784-0007	131602784-0008	
Client Sample ID:	22357571	22357549	
Volume (L):	150	150	
Sample Location	C'm 265	Outside Bldg, from Hall to Café	
Spore Types	Raw Count	Count/m³	% of Total
Alternaria	-	-	-
Ascospores	-	-	-
Aspergillus/Penicillium	2	40	7.4
Basidiospores	7	200	37
Bipolaris++	-	-	-
Chaetomium	-	-	-
Cladosporium	12	260	48.1
Curvularia	-	-	-
Epicoccum	-	-	-
Fusarium	-	-	-
Ganoderma	-	-	-
Myxomycetes++	1	20	3.7
Pithomyces	-	-	-
Rust	-	-	-
Scopulariopsis	-	-	-
Stachybotrys	-	-	-
Torula	-	-	-
Ulocladium	-	-	-
Unidentifiable Spores	-	-	-
Zygomycetes	-	-	-
Oidium	-	-	-
Polythrincium	1	20	3.7
Total Fungi	23	540	100
Hyphal Fragment	-	-	-
Insect Fragment	-	-	-
Pollen	2	40	-
Analyt. Sensitivity 600x	-	22	-
Analyt. Sensitivity 300x	-	7*	-
Skin Fragments (1-4)	-	2	-
Fibrous Particulate (1-4)	-	1	-
Background (1-5)	-	1	-

Bipolaris++ = Bipolaris/Drechslera/Exserohilum
Myxomycetes++ = Myxomycetes/Periconia/Smut

Steve Grise, Laboratory Manager
or other approved signatory

No discernable field blank was submitted with this group of samples.

High levels of background particulate can obscure spores and other particulates leading to underestimation. Background levels of 5 indicate an overloading of background particulates, prohibiting accurate detection and quantification. Present = Spores detected on overloaded samples. Results are not blank corrected unless otherwise noted. The detection limit is equal to one fungal spore, structure, pollen, fiber particle or insect fragment. "" Denotes particles found at 300X. "-" Denotes not detected. Due to method stopping rules, raw counts in excess of 100 are extrapolated based on the percentage analyzed. EMSL maintains liability limited to cost of analysis. 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. Samples received in good condition unless otherwise noted.

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NELAC NY 11769
NRPP 101193 AL
NRSB ARL0017

EPA Method #402-R-92-004
Liquid Scintillation
NRPP Device Code 8088
NRSB Device Code 12193

Laboratory Report for:

Property Tested:

Universal Environmental Consultant
12 Brewster Road
Framingham MA 01702

Westport High School
Not Indicated 3220697 3220686
Westport MA 02790

Log Number	Device Number	Test Exposure Duration:	Area Tested	Result (pCi/L)
1953563	3220697	06/20/2016 10:10 am 06/23/2016 1:57 pm	Basement Electrical Room	1.3
1953564	3220687	06/20/2016 10:12 am 06/23/2016 1:58 pm	Basement Rear Shelf	0.9
1953565	3220709	06/20/2016 10:14 am 06/23/2016 1:59 pm	Basement Fire Alarm Panel	1.4
1953566	3220698	06/20/2016 10:17 am 06/23/2016 2:00 pm	Basement Records Tunnel Ctr Room	1.0
1953567	3220690	06/20/2016 10:18 am 06/23/2016 2:01 pm	Basement Records Tunnel Entrance	1.2
1953568	3220692	06/20/2016 10:19 am 06/23/2016 2:02 pm	Basement Wood Shelf	0.8
1953569	3220688	06/20/2016 10:21 am 06/23/2016 2:04 pm	Basement Top of Lockers	< 0.4
1953570	3220691	06/20/2016 10:23 am 06/23/2016 2:05 pm	Basement Boiler Room	1.2
1953571	3220693	06/20/2016 10:24 am 06/23/2016 2:06 pm	Basement Generator Room	0.5
1953572	3220686	06/20/2016 10:25 am 06/23/2016 2:07 pm	Basement Pump Room	0.4

Comment: Universal Environmental Consultant was emailed a copy of this report.

Test Performed By: Leonard J. Buse

Distributed by: Universal Environmental Consultant

Date Received: 06/24/2016 Date Logged: 06/24/2016 Date Analyzed: 06/24/2016 Date Reported: 06/27/2016

Report Reviewed By: [Signature]

Report Approved By: [Signature]

Disclaimer:

Carolyn D. Koke, President, AccuStar Labs

The uncertainty of this radon measurement is ~+/- 10 %. Factors contributing to uncertainty include statistical variations, daily and seasonal variations in radon concentrations, sample collection techniques and operation of the dwelling. Interference with test conditions may influence the test results.

This report may only be transferred to a third party in its entirety. Analytical results relate to the samples AS RECEIVED BY THE LABORATORY. Results shown on this report represent levels of radon gas measured between the dates shown in the room or area of the site identified above as "Property Tested". Incorrect information will affect results. The results may not be construed as either predictive or supportive of measurements conducted in any area of this structure at any other time. AccuStar Labs, its employees and agents are not responsible for the consequences of any action taken or not taken based upon the results reported or any verbal or written interpretation of the results.