

## ASBESTOS OPERATIONS & MAINTENANCE PLAN

### 2.6 ASBESTOS CONTAINING MATERIALS SURVEY RESULTS & ASSESSMENT:

The following pages contain the inventory of the asbestos containing materials and non-asbestos containing materials as determined by sample analysis. Samples collected and found not to contain asbestos are classified as being None Detected (ND). Sampling results of sampling performed in this assessment can be found in Section V of this report. Materials are categorized into Surfacing (Sruf), Thermal System Insulation (TSI), and Miscellaneous (Misc) materials.

Inspection Dates: October 27, 2014 & February 27, 2015

Inspector: Francisco Barraza, Larry Ponder, Alexander Blankevoort

#### Building 1: Basement Floor:

SUMMARY OF SUSPECT MATERIALS TESTED									
Building Material Component	Location Of Material	Estimated Quantity	Material Category	Sample Number	% and type of Asbestos	Friability	Condition	Hazard Ranking	Recommendations
2'x2' Ceiling Tile	Basement Corridors, Offices, Throughout	-	Misc	406326- 1 406327- 2 406328- 3	ND	Non	G	N/A	Samples indicate materials is non-asbestos
12'x12' Tan Floor Tile & Mastic	Basement Corridor	-	Misc	406329- 4 406330- 5 406331- 6	Floor Tile = ND Mastic = ND	Non	G	N/A	Samples indicate materials is non-asbestos
Blue Speckled Floor Tile & Mastic	Basement Corridor	-	Misc	406332- 7 406333- 8 406334- 9	Floor Tile = ND Mastic = ND	Non	G	N/A	Samples indicate materials is non-asbestos
Drywall & Joint Compound (J/C)	Basement Corridors, interiors, offices, rooms, interstitial spaces, presumed throughout	100,000 sq ft	Misc	406335- 10 406336- 11 406337- 12	Drywall = ND J/C = 2% Chrysotile	Non	G	8	Continue O& M procedures
12'x12' Multicolored Floor Tile & Mastic	Basement Textile, Care Unit	-	Misc	406338- 13 406339- 14 406340- 15	Floor Tile = ND Mastic = ND	Non	G	N/A	Samples indicate materials is non-asbestos
12"x12" Tan Floor Tile & Mastic	Storage B172D, B1720, B112A, B112, B116, Corridor B111, B110, Lab B156A, B147, B141, B142E, B142, B143, B142D, B142B, B142A, Corridor B141A, Storage Kitchen B182, B183, B183A, B184, B185B 196, B187, B128D, Office B130, B129, Storage Room B194A, Office B223B, B218, B220, B224, B230, B217, B233, B232A, B232B, B234, Corrido B238 * B239, B202.	30,000 sq ft	Misc	406341- 16 406342- 17 406343- 18	Floor Tile = 3% Chrysotile Mastic = 5% Chrysotile	Non	G	8	Continue O& M procedures

# HAZARDOUS MATERIALS INSPECTION REPORT

SUMMARY OF SUSPECT MATERIALS TESTED									
Building Material Component	Location Of Material	Estimated Quantity	Material Category	Sample Number	% and type of Asbestos	Friability	Condition	Hazard Ranking	Recommendations
Presumed below carpeting - 12"x12" Tan Floor Tile & Mastic	Presumed VCT Below flooring/carpeting: Maintenance Storage B201, B210, B210A, B210C, B165A, B165, B162, B160, B157, B153, B152E, B152D, Corridor B155F & B154, B155C, B155B, B155A, B152A, B152B, B152C, B145, B134, B131, B132, B126C, B126B, B126A, B126, B126D, B126D, B127, B127A-1, Corridor B125C, B115, B114A, B144	30,000 sq ft	Misc	406341- 16 406342- 17 406343- 18	Presumed Homogeneous with : Floor Tile = 3% Chrysotile Mastic = 5% Chrysotile	Non	G	8	Continue O& M procedures  (Confirm material prior to removal of carpeted areas on a case by case basis)
Tan 4ø Basecove and Glue	Basement Corridors, Offices, Storage Rooms, Throughout	-	Misc	406344- 19 406345- 20 406346- 21	Basecove = ND Glue = ND	Non	G	N/A	Samples indicate materials is non-asbestos
White 12øx12ø Floor Tile & Mastic	Basement B176A Restroom Corridors	-	Misc	406347- 22 406348- 23 406349- 24	Floor Tile = ND Mastic = ND	Non	G	N/A	Samples indicate materials is non-asbestos
Thermal System Insulation Pipe Elbows	Basement Ceiling Spaces, Wall Cavities, Throughout, Boiler and mechanical rooms	500 sq ft	TSI	406350- 25 406351- 26 406352- 27	3% Chrysotile	Friable	G	9	Continue O& M procedures
Fire Proofing	Basement Throughout Beams, Columns (Excluding new green/blue monocoat)	90,000 sq ft	Surf	406353- 28 406354- 29 406355- 30	4% Chrysotile	Friable	G	9	Continue O& M procedures
Duct Cloth Wrap	Basement Ceiling Spaces, interstitial spaces	-	Misc	406356- 31 406357- 32 406358- 33	ND	Non	G	N/A	Samples indicate materials is non-asbestos
Grey 4ø Basecove & Glue	Basement Restroom B176A Lobby, Offices, Storage Rooms, Throughout	-	Misc	406359- 34 406360- 35 406361- 36	Basecove = ND Glue = ND	Non	G	N/A	Samples indicate materials is non-asbestos
Plaster	Basement Receiving Storage Areas, Mechanical, Electrical Throughout	-	Surf	406362- 37 406363- 38 406364- 39	Top Coat = ND Plaster = ND	Non	G	N/A	Samples indicate materials is non-asbestos
2x4 Fissured Ceiling Tile	Basement Kitchen, Offices, corridor office areas	-	Misc	406365- 40 406366- 41 406367- 42	ND	Friable	G	N/A	Samples indicate materials is non-asbestos
Grey Duct Caulking	Basement Receiving, Storage, Ducting Throughout	-	Misc	406368- 43 406369- 44 406370- 45	ND	Non	G	N/A	Samples indicate materials is non-asbestos
Blue Linoleum with Speckles	Basement B172A	-	Misc	406371- 46	Linoleum = ND	Non	G	N/A	Samples indicate

## HAZARDOUS MATERIALS INSPECITON REPORT

SUMMARY OF SUSPECT MATERIALS TESTED									
Building Material Component	Location Of Material	Estimated Quantity	Material Category	Sample Number	% and type of Asbestos	Friability	Condition	Hazard Ranking	Recommendations
				406372- 47 406373- 48	Glue = ND				materials is non-asbestos
12"x12" White Floor Tile with Green Speckles & Mastic	Basement Postal B232C, B232	2,500 sq ft	Misc	406374- 49 406375- 50 406376- 51	Floor Tile = ND Mastic = 3% Chrysotile	Non	G	8	Continue O& M procedures
Brown Linoleum with Speckles	Basement Shop	-	Misc	406377- 52 406378- 53 406379- 54	ND	Non	G	N/A	Samples indicate materials is non-asbestos
Vibration Dampener	Basement, mechanical room		Misc	-	Assumed	Friable	G	9	Continue O& M procedures
Tan/White Linoleum & Mastic	Bo-Med B214, B211, B213	2,500 sq ft	Misc	406380- 55 406381- 56 406382- 57	Linoleum = ND Mastic = 2% Chrysotile	Non	G	8	Continue O& M procedures
Pink Linoleum/12 x 12	Basement B198 Electrical	-	Misc	406383- 58 406384- 59 406385- 60	Linoleum = ND Glue = ND	Non	G	N/A	Samples indicate materials is non-asbestos
12öx12ö Fissured Ceiling Tiles & Mastic	Basement Carpentry Department B210 Structural Unit	-	Misc	406386- 61 406387- 62 406388- 63	Ceiling Tile = ND Mastic = ND	Friable	G	N/A	Samples indicate materials is non-asbestos
Orange 12öx12ö Floor Tile & Mastic	Basement Corridor, Outside Elevator	-	Misc	406389- 64	Floor Tile = ND Glue = ND Flooring Material = ND	Non	G	N/A	Samples indicate materials is non-asbestos

Note: Conditions of materials are identified as follows: Good (G), Damaged (D), or Significantly Damaged (SD). The quantities listed are for budgetary purposes only. Contractors completing proposals for the removal of asbestos containing materials are responsible for verifying the location, quantity, degree of difficulty and necessity for removing the identified materials.

Note 2: All activities involving work above T-Bar ceilings, air plenums etc., including removal and or changing of panels and ceiling, where ACM fireproofing is found should be performed by (at a minimum) 16-hour AHERA Operations and Maintenance Trained individuals (or Licensed Abatement Contractor) under proper PPE and containment. Until exposure assessments are determined, all asbestos disturbance work should be assumed to be above the OSHA Permissible Exposure Limits.

# HAZARDOUS MATERIALS INSPECTION REPORT

## Building 1: 1<sup>st</sup> Floor:

SUMMARY OF SUSPECT MATERIALS TESTED									
Building Material Component	Location Of Material	Estimated Quantity	Material Category	Sample number	% and type of Asbestos	Friability	Condition	Hazard Ranking	Recommendations
2x2 Fissured Ceiling Tile	1 <sup>st</sup> Floor facility throughout including offices, hallways.	-	Misc	408060- 1 408061- 2 408062- 3	ND	Friable	G	N/A	Samples indicate materials is non-asbestos
<b>Drywall and Joint Compound</b>	<b>Corridors, interiors, offices, rooms, interstitial spaces, presumed throughout</b>	<b>400,000 sq ft</b>	<b>Misc</b>	<b>408063- 4 408064- 5 408065- 6</b>	<b>Drywall = ND Joint Compound = 2% Chrysotile</b>	<b>Non</b>	<b>G</b>	<b>8</b>	<b>Continue O&amp; M procedures</b>
Tan 6x6 Basecove and Glue	1 <sup>st</sup> Floor, offices, corridors 1413, 1415	-	Misc	408066- 7 408067- 8 408068- 9	Basecove = ND Glue = ND	Non	G	N/A	Samples indicate materials is non-asbestos
Grey 12x12 Floor Tile with Speckles	1 <sup>st</sup> Floor Corridor 6 Area 2 1631, 1388	-	Misc	408069- 10 408070- 11 408071- 12	Floor Tile = ND Glue = ND	Non	G	N/A	Samples indicate materials is non-asbestos
Grey 12x12 Floor Tile with Speckles	1 <sup>st</sup> Floor Corridor, 1413, 1039	-	Misc	408072- 13 408073- 14 408074- 15	Floor Tile = ND Glue = ND	Non	G	N/A	Samples indicate materials is non-asbestos
Tan 12x12 Floor Tile with Green/Tan/White Speckles	1 <sup>st</sup> Floor 1413	-	Misc	408075- 16 408076- 17 408077- 18	Floor Tile = ND Glue = ND	Non	G	N/A	Samples indicate materials is non-asbestos
Tan 4x6 Basecove and Glue	1 <sup>st</sup> Floor 1388, 1413	-	Misc	408078- 19 408079- 20 408080- 21	Basecove = ND Glue = ND	Non	G	N/A	Samples indicate materials is non-asbestos
<b>12"x12" Mint Light Green and Mastic (layered)</b>	<b>Corridor 1173, 1128, 1129, 1036A, 1036, 1035, 1034, 1033, 1631, Corridor 1039, 14991, Corridor 1413, 1436</b>	<b>20,000 sq ft</b>	<b>Misc</b>	<b>408081- 22 408082- 23 408083- 24</b>	<b>Blue Floor Tile = ND Black Mastic = 2% Chrysotile Beige Tile = ND Yellow Mastic = ND</b>	<b>Non</b>	<b>G</b>	<b>8</b>	<b>Continue O&amp; M procedures</b>
Acoustical Spray On	1 <sup>st</sup> Floor Chapel	-	Misc	408084- 25 408085- 26 408086- 27	ND	Non	G	N/A	Samples indicate materials is non-asbestos
12x12 Ceiling Tile and Glue	1 <sup>st</sup> Floor 1509, 1502, office throughout	-	Misc	408087- 28 408088- 29 408089- 30	Ceiling Tile = ND Glue = ND	Non	G	N/A	Samples indicate materials is non-asbestos
<b>Tan 12"x12" Floor Tile with Brown Speckles and Mastic</b>	<b>1<sup>st</sup> Floor Room 1640 Corridor,</b>	<b>80 sq ft</b>	<b>Misc</b>	<b>408090- 31 408091- 32 408092- 33</b>	<b>Floor Tile = ND Mastic = 2% Chrysotile</b>	<b>Non</b>	<b>G</b>	<b>8</b>	<b>Continue O&amp; M procedures</b>

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SUMMARY OF SUSPECT MATERIALS TESTED									
Building Material Component	Location Of Material	Estimated Quantity	Material Category	Sample number	% and type of Asbestos	Friability	Condition	Hazard Ranking	Recommendations
White 12"x12" Floor Tile with Black Speckles and Mastic	1 <sup>st</sup> Floor 1632, 1634, 1635, 1636, 1637, 1638, 1639, 1640, 1629, 1628, 1626, 1625, 1624, 1624A, 1623A, 1623B, 1622A, 1622B, 1621, 1620, 1618, 1615B, 1615, 1615A, 1615B & Corridor 1623	10,000 sq ft	Misc	408093- 34 408094- 35 408095- 36	Floor Tile = 3% Chrysotile Mastic = 5% Chrysotile	Non	G	8	Continue O& M procedures
White 12x12x12 Floor Tile with Blue Speckles	1 <sup>st</sup> Floor 1618	-	Misc	408096- 37 408097- 38 408098- 39	Floor Tile = ND Glue = ND	Non	G	N/A	Samples indicate materials is non-asbestos
2x4x8 Fissured Ceiling Tile	1 <sup>st</sup> Floor, offices, rooms	-	Misc	408099- 40 408100- 41 408101- 42	ND	Friable	G	N/A	Samples indicate materials is non-asbestos
White 12"x12" Floor Tile with Grey Speckles and Mastic	1 <sup>st</sup> Floor 1629, Corridor	80 sq ft	Misc	408102- 43 408103- 44 408104- 45	Floor Tile = ND Mastic = 4% Chrysotile	Non	G	8	Continue O& M procedures
Light Grey 12x12x12 Floor Tile and Glue	1 <sup>st</sup> Floor Reception 1630,	-	Misc	408105- 46 408106- 47 408107- 48	Floor Tile = ND Glue = ND	Non	G	N/A	Samples indicate materials is non-asbestos
Ceramic Tile Grout	1 <sup>st</sup> Floor Main Lobby 1000, Corridor	-	Misc	408108- 49 408109- 50 408110- 51	ND	Non	G	N/A	Samples indicate materials is non-asbestos
Blue 12x12x12 Floor Tile and Glue (Layered)	1 <sup>st</sup> Floor 1503	-	Misc	408111- 52 408112- 53 408113- 54	Blue Floor Tile = ND Yellow Glue = ND Beige Floor Tile = ND Yellow Glue = ND	Non	G	N/A	Samples indicate materials is non-asbestos
White Linoleum	1 <sup>st</sup> Floor 1294, 1301	-	Misc	408114- 55 408115- 56 408116- 57	Linoleum = ND Glue = ND	Non	G	N/A	Samples indicate materials is non-asbestos
White 12"x12" Floor Tile with Green Speckles and Mastic	1 <sup>st</sup> Floor Radiology, 1158, 1157, 1156, 1155, 1154, 1153, 1152, 1150, 1149, 1148, 1147, 1146, 1145A, 1145B, 1161, 1175, 1162, 1172, 1174F, 1174E, 1164, 1166, 1167, 1167A, 1171, 1168B, 1168A, 1174D, 1174C, 1169, 1145D, 1145C, Corridor 1160, 1151A, & 1151, 1109, 1109, 1107, 1110, 1119, 1105, 1102, 1101, 1100, 1099, 1098, 1097, 1096, 1095, 1094, 1092, 1091, 1090, 1089, 1088, 1087, 1086, 1112, 117, 1118, 1120, 1102, Corrido 1104, 1085, 1437, 1438, 1439, 1440, 1446, 1449, 1447,	120,800 sq ft	Misc	408117- 58 408118- 59 408119- 60	Floor Tile = 3% Chrysotile Mastic = 5% Chrysotile	Non	G	8	Continue O& M procedures

## HAZARDOUS MATERIALS INSPECITON REPORT

SUMMARY OF SUSPECT MATERIALS TESTED									
Building Material Component	Location Of Material	Estimated Quantity	Material Category	Sample number	% and type of Asbestos	Friability	Condition	Hazard Ranking	Recommendations
	1448, 1444A, 1444, 1443, 1442, 1450, Corrido 1445, Below tile 2 <sup>nd</sup> layer tile in 1456, 1460, 1549, 1464, 1463, 1457, 1712, 1714A, 1715, 1711, 1713, 1714, 1710, 1709, 1715A, 1715B, 1716, 1706, 1704, 1701, 1703, 1702, Corridor 1708A, 1708, 1700, 1814, 1813, 1812, 1811, 1805, 1804, 1803, 1801A, 1802, 1815, 1820, 1821, 1826, 1822, 1825, 1826, 1828, 1829, 1829A, 1823, 1823A, 1847, 1842, 1843, 1830, 1832, 1833, 1835, 1841, 1845, 1851, 1806, 1808D, 1809, 1808A, 1808B, 1808C, 1816, 1817, 1818, Corridors 1810A, 1819, 1846, 1824, 1213, 1232, 1234, 1235, 1238, 1231, 1242A, 1242, 1242B, 1241, 1240, 1242D, 1239, 1273, 1274, 1275, 1276, 1231, 1231A, 1230, 1229, 1228, 1227, 1226, 1225, 1220, 1222, 1223, 1220B, 1252, 1253, 1220A, 1252, 1253, 1247, 1248, 1220A, 1220C, 1220B, 1279, 1278, 1277, Corridors 1219, 1221, 1254, 1236, 1272, 1280A, 1280B, 1280, 1281, 1281, 1289, 1291, 1292, 1285, 1287, 1326, 1293, 1304, 1304C, 1295, 1304A, 1302, 1303, 1305, 1308, 1308A, 1318, 1322, 1316, 1309, 1312, 1311, 1316A, Corridors 1317, 1272, 1323, 1290, 1286,								
Presumed below carpeting - White 12"x12" Floor Tile with Green Speckles and Mastic	1396, 1397, 1415B, 1415A, 1415C, 1415, 1414, 1419, 1420, 1493 F, 1493E, 1419A, 1493C, 1493D, 1401, 1402, 1492C, 1499, 1509	12,300 sq ft	Misc	408117- 58 408118- 59 408119- 60	Presumed Homogeneous with : Floor Tile = 3% Chrysotile Mastic = 5% Chrysotile	Non	G	8	Continue O& M procedures  (Confirm material prior to removal of carpeted areas on a case by case basis)
White 12"x12" Floor Tile with Blue Speckles and Mastic	1 <sup>st</sup> Floor Radiology 1800, Corridor 1801 & 1801	5,000 sq ft	Misc	408120- 61 408121- 62 408122- 63	Floor Tile = ND Mastic = 4% Chrysotile	Non	G	8	Continue O& M procedures
Linoleum with Tan Speckles and Glue	1 <sup>st</sup> Floor 1309, Radiology	-	Misc	408123- 64 408124- 65 408125- 66	Linoleum = ND Glue = ND	Non	G	N/A	Samples indicate materials is non-asbestos
12"x12" Tan Floor Tile with Brown Streaks and Mastic	1 <sup>st</sup> Floor Radiology, Specimen Drop off (outside Corridor 1236)	200 sq ft	Misc	408126- 67 408127- 68 408128- 69	Floor Tile = ND Mastic = 4% Chrysotile	Non	G	8	Continue O& M procedures

## HAZARDOUS MATERIALS INSPECTION REPORT

SUMMARY OF SUSPECT MATERIALS TESTED									
Building Material Component	Location Of Material	Estimated Quantity	Material Category	Sample number	% and type of Asbestos	Friability	Condition	Hazard Ranking	Recommendations
12"x12" Floor Tile with Yellow Speckles and Mastic	1 <sup>st</sup> Floor Radiology, Radiology, Adjacent to Waiting Area 1387, 1837A	300 sq ft	Misc	408129- 70 408130- 71 408131- 72	Floor Tile = ND Mastic = 4% Chrysotile	Non	G	8	Continue O& M procedures
Pink 12"x12" Floor Tile and Mastic	1 <sup>st</sup> Floor Radiology 1841, 1838	800 sq ft	Misc	408132- 73 408133- 74 408134- 75	Floor Tile = ND Mastic = 3% Chrysotile	Non	G	8	Continue O& M procedures
Wood Pattern Linoleum	1 <sup>st</sup> Floor Dining Area	-	Misc	408135- 76 408136- 77 408137- 78	Linoleum = ND Glue = ND	Non	G	N/A	Samples indicate materials is non-asbestos
Plaster	1 <sup>st</sup> Floor Mechanical, stairwells, interiors	-	Surf	408138- 79 408139- 80 408140- 81	Top Coat = ND Plaster = ND	Non	G	N/A	Samples indicate materials is non-asbestos
Wall Paper	1 <sup>st</sup> Floor Main Lobby	-	Misc	408141- 82 408142- 83 408143- 84	Wallpaper = ND Mastic = ND	Non	G	N/A	Samples indicate materials is non-asbestos
Yellow 12"x12" Floor Tile with Multiple Speckles and Mastic	1 <sup>st</sup> Floor, 1014, 1015, 1016, 11, 1012, 1018, 1010, 1030, 1027, 1022, 1023, 1002, 1024, 1025, 1002, 1032, 1019, 1021, 1009, 1020, 1007, Corrido 1003, 1017, 1026, 1028	4,000 sq ft	Misc	408144- 85 408145- 86 408146- 87	Floor Tile = 2% Chrysotile Mastic = 5% Chrysotile	Non	G	8	Continue O& M procedures
Green Texture Flooring	1 <sup>st</sup> Floor 1400P Orthotics	-	Misc	408147- 88 408148- 89 408149- 90	ND	Non	G	N/A	Samples indicate materials is non-asbestos
Brown Red Wood Patterned Linoleum	1 <sup>st</sup> Floor Orthotics	-	Misc	408150- 91 408151- 92 408152- 93	Linoleum = ND Mastic = ND	Non	G	N/A	Samples indicate materials is non-asbestos
46 Basecove and Glue	1 <sup>st</sup> Floor Orthotics	-	Misc	408153- 94 408154- 95 408155- 96	Basecove = ND Glue = ND	Non	G	N/A	Samples indicate materials is non-asbestos
Duct Seam Caulking	1 <sup>st</sup> Floor Orthotics	-	Misc	408156- 97 408157- 98 408158- 99	ND	Non	G	N/A	Samples indicate materials is non-asbestos

# HAZARDOUS MATERIALS INSPECTION REPORT

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Building Material Component	Location Of Material	Estimated Quantity	Material Category	Sample number	% and type of Asbestos	Friability	Condition	Hazard Ranking	Recommendations
Cement Board	1 <sup>st</sup> Floor Under Multi-Purpose Room Carpet	-	Misc	408159- 100 408160- 101 408161- 102	ND	Non	G	N/A	Samples indicate materials is non-asbestos
Insulation Wall Panels	1 <sup>st</sup> Floor Multi-Purpose Room	-	Misc	408162- 103 408163- 104 408164- 105	ND	Non	G	N/A	Samples indicate materials is non-asbestos
Rubber Padding Glue	Swimming Pool 1481	-	Misc	408165- 106 408166- 107 408167- 108	Rubber Padding = ND Glue = ND	Non	G	N/A	Samples indicate materials is non-asbestos
Plaster Ceiling	Swimming Pool 1481	-	Surf	408168- 109 408169- 110 408170- 111	Top Coat = ND Plaster = ND	Non	G	N/A	Samples indicate materials is non-asbestos
Drywall 2x4 Ceiling Panels	Dining, Swimming Pool 1481, Men's Restroom	-	Misc	408171- 112 408172- 113 408173- 114	ND	Non	G	N/A	Samples indicate materials is non-asbestos
Window Caulking	Exterior Windows	-	Misc	408574- 18 408575- 19 408576- 20	ND	Non	G	N/A	Samples indicate materials is non-asbestos
Thermal System Insulation Pipe Elbows	Ceiling Spaces, Wall Cavities, Throughout interstitial spaces	1,000 sq ft	TSI	Homogenous with interstitial area sampling	3% Chrysotile	Friable	G	9	Continue O& M procedures
Fire Proofing	Throughout Beams, Columns, ceiling lids, overspray's	175,000 sq ft	Surf	Homogenous with interstitial	4% Chrysotile	Friable	G	9	Continue O& M procedures

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SUMMARY OF SUSPECT MATERIALS TESTED									
Building Material Component	Location Of Material	Estimated Quantity	Material Category	Sample number	% and type of Asbestos	Friability	Condition	Hazard Ranking	Recommendations
	(Excluding new green/blue monocoat) Removed from stairwells			area sampling					

Note: Conditions of materials are identified as follows: Good (G), Damaged (D), or Significantly Damaged (SD). The quantities listed are for budgetary purposes only. Contractors completing proposals for the removal of asbestos containing materials are responsible for verifying the location, quantity, degree of difficulty and necessity for removing the identified materials.

Note 2: All activities involving work above T-Bar ceilings, air plenums etc., including removal and or changing of panels and ceiling, where ACM fireproofing is found should be performed by (at a minimum) 16-hour AHERA Operations and Maintenance Trained individuals (or Licensed Abatement Contractor) under proper PPE and containment. Until exposure assessments are determined, all asbestos disturbance work should be assumed to be above the OSHA Permissible Exposure Limits.

# HAZARDOUS MATERIALS INSPECITON REPORT

## Building 1: 2<sup>nd</sup> Floor:

SUMMARY OF SUSPECT MATERIALS TESTED									
Building Material Component	Location Of Material	Estimated Quantity	Material Category	Sample Number	% and type of Asbestos	Friability	Condition	Hazard Ranking	Recommendations
2x2 Fissured Ceiling Tile	2 <sup>nd</sup> Floor, offices, corridors throughout	-	Misc	407488- 1 407489- 2 407490- 3	ND	Friable	G	N/A	Samples indicate materials is non-asbestos
12" Yellow/Green Floor Tile with Tan/Brown Speckles and Mastic	2 <sup>nd</sup> Floor Corridors, 2040, 2016A, 2016, 2000, 2073, 2106, 2122, 2243, 2301, 2268, 2268A, 2246, 2130, 2276, 2235, 2220, 2154, 2220A, 2187, 2200, Rooms 2069A, 2070, 2071, 2249, 2186, 2189, 2190, 2191, Corridors 2424, 2415, 2390, 2396, 2040, 2020, 2001, 2301, 2307, 2334, 2048, Rooms 2416A, 2058, 2056, 2054, 2052, 2050, 2061, 2062, 2063, 2064, 2067, 2005, 2049, 2047, 2046, 2041, 2021, 2022, 2036, 2034, 2035, 2028, 2030, 2032	30,000 sq ft	Misc	407491- 4 407492- 5 407493- 6	Floor Tile = 2% Chrysotile Mastic = 5% Chrysotile	Non	G	8	Continue O& M procedures
Tan 12"x12" Floor Tile with Green/Brown/White Speckles	2 <sup>nd</sup> Floor Corridors 2448, 2363, 2414, 2357, Rooms 2410E, 2417A, 2417B, 2416, 2465, 2466, 2467, 2468, 2469, 2360, 2361, 2362, 2359, 2366A, 2366, 2359, 2366B, 2366C, 2014, 2013, 2304, 2305A, 2305, 2297B, 2271, 2272, 2273, 2227B, 2227, 2227A, 2225, 2215, 2121, 2120, 2117, 2115, 2113, 2111	10,000 sq ft	Misc	407494- 7 407495- 8 407496- 9	Tan Floor Tile = ND Yellow Glue = ND Tan/Brown Floor Tile = 2% Chrysotile Black Mastic = 4% Chrysotile	Non	G	8	Continue O& M procedures
Presumed below carpeting -	2229, 2432, 2427, 2426, 2425, 2420A,	50,000 sq ft	Misc	407494- 7	Presumed	Non	G	8	Continue O& M

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SUMMARY OF SUSPECT MATERIALS TESTED									
Building Material Component	Location Of Material	Estimated Quantity	Material Category	Sample Number	% and type of Asbestos	Friability	Condition	Hazard Ranking	Recommendations
Tan 12"x12" Floor Tile with Green/Brown/White Speckles	2420, 2422, 2419A, 2419, 2422, 2419B, 2419C, 2410A, 2410B, 2410C, 2406, 2409, 2410, 2404, 2405, 2401, 2398, 2397, 2439, 2440, 2441, 2442, 2389, 2393, 2394, 2394A, 2393B, 2393A, 2388, 2387, 2384, 2455, 2454, 2452C, 2452B, 2452A, 2450, 2452, 2457, 2460, 2449, 2462, 2463, 2364, 2367, 2372, 2369, 2461, 2463, 2463A, 268, 2347, 2347B, 2345A, 2345, 2343, 2341, 2341A, 2339A, 2339, 2336, 2336A, 2351, 2350, 2349, 2348, 2353, 2328, 2327, 2324, 2322, 2320, 2318, 2316, 2312, 2313, 2314, 2310, 2308, 2302, 2303, 2019, 2018, 2017, 2077A, 2076, 2075, 2082, 2080, 2098, 2099, 2096, 2084, 2085, 2086, 2094, 2088, 2090, 2092, Corridor 2079, 2019, 2018, 2017, 2127, 2126, 2125, 2128, 2129, 2123, Office 2003, 2008, 2007, 2006, 2005, 2004, 2002, 2131, 2132, 2133, 2134, 2242, 2241, 2240, 2239, 2298, 2236, 2233, 2234, 2255B, 2231, 2229, 2222, 2216, 2356A, 2356, 2355, 2354, 2243A, 2243B, 2244A, 2247, 2248, 2250A, 2250, 2254A, 2254, 2253, 2252, 2256, 2258, 2260, 2262, 2264, 2302, 2303, 2300, 2299, 2298, 2297A, 2297C, 2296B, 2296A, 2296, 2295, 2291, 2290, 2289, 2282, 2284,			407495- 8 407496- 9	Homogeneous with : Floor Tile = 2% Chrysotile Black Mastic = 4% Chrysotile				<b>procedures</b>  (Confirm material prior to removal of carpeted areas on a case by case basis)
4ö Brown/Tan Basecove and Mastic	2 <sup>nd</sup> Floor Corridors, offices	-	Misc	407497- 10 407498- 11 407499- 12	Basecove = ND Mastic = ND	Non	G	N/A	Samples indicate materials is non-asbestos
Wood Pattern Linoleum	2 <sup>nd</sup> Floor 2011, 2108, (New installed materials)	-	Misc	407500- 13 407501- 14 407502- 15	Linoleum = ND Mastic = ND	Non	G	N/A	Samples indicate materials is non-asbestos
Drywall and Joint Compound	Corridors, interiors, offices, rooms, interstitial spaces, presumed throughout	225,000 sq ft	Misc	407503- 16 407504- 17 407505- 18	Drywall = ND J/C = 2% Chrysotile	Non	G	8	Continue O& M procedures
Plaster	2 <sup>nd</sup> Floor, corridors, mechanical.	-	Surf	407506- 19 407507- 20 407508- 21	Top Coat = ND Plaster = ND	Non	G	N/A	Samples indicate materials is non-asbestos

# HAZARDOUS MATERIALS INSPECTION REPORT

SUMMARY OF SUSPECT MATERIALS TESTED									
Building Material Component	Location Of Material	Estimated Quantity	Material Category	Sample Number	% and type of Asbestos	Friability	Condition	Hazard Ranking	Recommendations
12"x12" Red Orange Floor Tile and Glue	2 <sup>nd</sup> Floor Room 2306, 2306A, 2306B, 2306C	2,000 sq ft	Misc	407509- 22 407510- 23 407511- 24	Floor Tile = ND Yellow Glue = ND Black Mastic = 3% Chrysotile Leveling Compound = ND	Non	G	8	Continue O& M procedures
Grey Multi-Color Speckles Linoleum	2 <sup>nd</sup> Floor Room 2331 Restrooms	-	Misc	407512- 25 407513- 26 407514- 27	ND	Non	G	N/A	Samples indicate materials is non-asbestos
12"x12" Tan Floor Tile with Brown Speckles and Mastic	2 <sup>nd</sup> Floor Corridor Adjacent to 2243 2268 & 2357, Restroom 2263, 2196	4,000 sq ft	Misc	407515- 28 407516- 29 407517- 30	Tan Floor Tile = ND Black Mastic = 3% Chrysotile	Non	G	8	Continue O& M procedures
Solid White Ceiling Tiles (Drywall)	2 <sup>nd</sup> Floor 2263 Restroom	-	Misc	407518- 31 407519- 32 407520- 33	ND	Non	G	N/A	Samples indicate materials is non-asbestos
Carpet Glue	2 <sup>nd</sup> Floor, Carpeted areas (presumed floor tile below)	-	Misc	407521- 34 407522- 35 407523- 36	Carpet = ND Glue = ND	Non	G	N/A	Samples indicate materials is non-asbestos
Light Green Floor Tile with Dark Brown Speckles and Mastic	2 <sup>nd</sup> Floor 2044 Corridor	200 sq ft	Misc	407524- 37 407525- 38 407526- 39	Floor Tile = ND Black Mastic = 3% Chrysotile	Non	G	8	Continue O& M procedures
Mint Green White 12"x12" Floor Tile and Mastic	2 <sup>nd</sup> Floor 2072 Nurse Station	300 sq ft	Misc	407527- 40 407528- 41 407529- 42	Floor Tile = ND Mastic = 2% Chrysotile	Non	G	8	Continue O& M procedures
12x12 Fissured Ceiling Tile and Mastic	2 <sup>nd</sup> Floor, interior offices, corridors, rooms	-	Misc	408251- 1 408252- 2 408253- 3	Ceiling Tile = ND Mastic = ND	Non	G	N/A	Samples indicate materials is non-asbestos
Plaster Ceiling	2 <sup>nd</sup> Floor Ceiling, interiors, restrooms, mechanical	-	Surf	408254- 4 408255- 5 408256- 6	Plaster = ND Drywall = ND	Non	G	N/A	Samples indicate materials is non-asbestos
Stucco	2 <sup>nd</sup> Floor Stairwell Exterior	-	Surf	408572- 16 408573- 17	ND	Non	G	N/A	Samples indicate materials is non-asbestos
Linoleum	2 <sup>nd</sup> Floor Patio Linoleum	-	Misc	408577- 21 408578- 22 408579- 23	ND	Non	G	N/A	Samples indicate materials is non-asbestos
Thermal System Insulation	Ceiling Spaces, Wall Cavities, Throughout	1,000 sq ft	TSI	Homogenous	3% Chrysotile	Friable	G	9	Continue O& M procedures

## HAZARDOUS MATERIALS INSPECITON REPORT

SUMMARY OF SUSPECT MATERIALS TESTED									
Building Material Component	Location Of Material	Estimated Quantity	Material Category	Sample Number	% and type of Asbestos	Friability	Condition	Hazard Ranking	Recommendations
Pipe Elbows	interstitial spaces			with interstitial area sampling					
Fire Proofing	Throughout Beams, Columns, ceiling lids, overspray's (Excluding new green/blue monocoat) Removed from stairwells	175,000 sq ft	Surf	Homogenous with interstitial area sampling	4% Chrysotile	Friable	G	9	Continue O& M procedures

Note: Conditions of materials are identified as follows: Good (G), Damaged (D), or Significantly Damaged (SD). The quantities listed are for budgetary purposes only. Contractors completing proposals for the removal of asbestos containing materials are responsible for verifying the location, quantity, degree of difficulty and necessity for removing the identified materials.

Note 2: All activities involving work above T-Bar ceilings, air plenums etc., including removal and or changing of panels and ceiling, where ACM fireproofing is found should be performed by (at a minimum) 16-hour AHERA Operations and Maintenance Trained individuals (or Licensed Abatement Contractor) under proper PPE and containment. Until exposure assessments are determined, all asbestos disturbance work should be assumed to be above the OSHA Permissible Exposure Limits.

# HAZARDOUS MATERIALS INSPECTION REPORT

## Building 1: 3<sup>rd</sup> Floor:

SUMMARY OF SUSPECT MATERIALS TESTED									
Building Material Component	Location Of Material	Estimated Quantity	Material Category	Sample Number	% and type of Asbestos	Friability	Condition	Hazard Ranking	Recommendations
2x2x0.5 Fissured Ceiling Tile	3rd Floor, offices, corridors throughout	-	Misc	407238- 1 407239- 2 407240- 3	ND	Friable	G	N/A	Samples indicate materials is non-asbestos
Green/Yellow 12"x12" Floor Tile with Tan Brown Speckles (Layered)	3rd Floor 3365, 3367, 3369, 3372, 3374, 3377, 3378, 336, 337, 339, 3340, 3342, 3345, 3347, 3349, 3352, 3353, 3353A, 3354, 3359, 3360, Corridors 3358, 3338, 3331, 3309. Rooms 3388, 3386, 3393, 3395, 3404, 3403, 3402A, 3033B, 3033A, 3031, 3033, 3027, 3028, 3025A, 3025B, 3025C, 3020C, 3020A, 3021, 3024, Corridor 3022 & 3042, Rooms 3065, 3063, 3070, 3071, 3071B, 3071A, Corridor 3001, 3000, 3208, 3263, 3273, 3225, 3229, 3273B Rooms 3262A, 3260, 3258, 3257, 3256, 3253, 3251, 3249A, 3249, 3250, 3246, 3244, 3242, 3240, 3237, 3231, 3230, 3204	50,000 sq ft	Misc	407241- 4 407242- 5 407243- 6	Floor Tile 1 = ND Yellow Glue = ND Flooring Tile 2 = ND Black Mastic = 5% Chrysotile	Non	G	8	Continue O& M procedures
Tan 12"x12" Floor Tile with Green/Brown Speckles	3 <sup>rd</sup> Floor 3322, 3330, 3329, Corridor 3311, 3309. Corridor 3020, Rooms 3028A, 3056, 3063, 3063A, 3053, 3051, 3048, 3088, 3085, 3084, 3083. Corridor 3208, 3212, 3115 Rooms 3217, 3285, 3263	20,000 sq ft	Misc	407244- 7 407245- 8 407246- 9	Tan Floor Tile = 2% Chrysotile Mastic = 3% Chrysotile Green Floor Tile = 2% Chrysotile	Non	G	8	Continue O& M procedures
Presumed below carpeting -	3380, 3383, 3332, 3327, 3325, 3320, 3318,	50,000 sq ft	Misc	407244- 7	Presumed	Non	G	8	Continue O& M

# HAZARDOUS MATERIALS INSPECTION REPORT

SUMMARY OF SUSPECT MATERIALS TESTED									
Building Material Component	Location Of Material	Estimated Quantity	Material Category	Sample Number	% and type of Asbestos	Friability	Condition	Hazard Ranking	Recommendations
Tan 12"x12" Floor Tile with Green/Brown Speckles	3317A, 3317, 3316, 3315, 3308, 3308A, 3308B, 3308C, 3060, 3058, 3068B, 3068A, 3074, 3074A, 3073, 3020B, 3020A, 3080B, 3080, 3080A, 3011, 3014, 3017, 3002, 3008, 3006, 3007, 3008A, 3010, 3009, 3281, 3282, 3282A, 3283, 3284, 3287, 3080A, 3080, 3279, 3278, 3276B, 3276A, 3276, 3272, 3270, 3275, 3268, 3269, 3269A, 3275B, 3275A, 3273C, 3269A, 3255, 3254, 3255A, 3251A, 3246A, 3227, 3217A, 3216, 3219, 3223, 3207B, 3207A, 3207, 3206, 3202 - Office, 3203, 3200, 3198, 3196, 3193, 3192, 3191, 3188, 3187, 3186A, 3186B, 3185, 3185A, 3183, 3179, 3177, 3172, 3170, 318, 3167, 3162G, 3162F, 3162A, 3162E, 3162, 3162D, 3162C, 3162B			407245- 8 407246- 9	Homogeneous with : Tan Floor Tile = 2% Chrysotile Mastic = 3% Chrysotile Green Floor Tile = 2% Chrysotile				<b>procedures</b>  (Confirm material prior to removal of carpeted areas on a case by case basis)
Brown Wood Pattern Sheet Flooring	3 <sup>rd</sup> Floor 3303-3298 Area, 3221, 3164, 3143, 3144, 3140, 3152, 3004, 3090-3104 area, 3046, 3068, 3076, 3078 (Newly installed material)	-	Misc	407247- 10 407248- 11 407249- 12	Sheet Flooring = ND Glue = ND Leveling Compound = ND	Friable	G	N/A	Samples indicate materials is non-asbestos
Brown/Tan 4ö Basecove and Glue	3 <sup>rd</sup> Floor Corridors, offices,	-	Misc	407250- 13 407251- 14 407252- 15	Basecove = ND Glue = ND	Friable	G	N/A	Samples indicate materials is non-asbestos
White 12"x12" Floor Tile with Blue Speckles	3 <sup>rd</sup> Floor Staff Room, 3335, 3333, 3334, 3391, 3013, 3012, 3016, 3018, 3018A, 3286A.	2,300 sq ft	Misc	407253- 16 407254- 17 407255- 18	Floor Tile 1= ND Yellow Glue = ND Tan Tile 2= 2% Chrysotile Black Mastic = 4% Chrysotile	Non	G	8	Continue O& M procedures
6ö Tan/Brown Basecove and Glue	3 <sup>rd</sup> Floor Corridors, offices,	-	Misc	407256- 19 407257- 20 407258- 21	Basecove = ND Glue = ND	Friable	G	N/A	Samples indicate materials is non-asbestos
Blue 12"x12" with White Dark Blue Speckles	3 <sup>rd</sup> Floor Corridor 3049, 3064	800 sq ft	Misc	407259- 22 407260- 23	Floor Tile = ND Yellow Glue = ND Tan Flooring Material	Non	G	8	Continue O& M procedures