

JFK Sampling 11/15/2018 - Particle counts, Spore Trap (Air-O-Cell), and Formaldehyde

| Building | RM # | | | Time |
|----------|---|--------|--------|---------------|
| JFK | Outside front entrance - windy conditions and ground was wet from recent light rain | | | 13:19 - 13:24 |
| | Sa1 | Sa2 | Sa3 | |
| 0.3 | 197935 | 201993 | 212448 | 204125 |
| 0.5 | 18473 | 18950 | 20528 | 19317 |
| 1 | 1334 | 1318 | 1510 | 1387 |
| 2.5 | 509 | 418 | 535 | 487 |
| 5 | 38 | 26 | 33 | 32 |
| 10 | 5 | 2 | 6 | 4 |
| Temp | 45 | | | |
| RH | 74.4 | | | |

| Building | RM # | | | Time |
|----------|----------------|-------|-------|----------------------|
| JFK | Reference area | | | 13:13 - 13:18 |
| | Sa1 | Sa2 | Sa3 | |
| 0.3 | 27762 | 27888 | 27821 | 27824 |
| 0.5 | 1926 | 2084 | 2104 | 2038 |
| 1 | 345 | 341 | 363 | 350 |
| 2.5 | 314 | 344 | 399 | 352 |
| 5 | 123 | 122 | 150 | 132 |
| 10 | 45 | 35 | 47 | 42 |
| Temp | 70.3 | | | Air-O-Cell 2608 9814 |
| RH | 30.3 | | | Formaldehyde XX154 |

| Building | RM # | | | Time |
|----------|-----------------|-----------------------|--------|----------------------|
| JFK M04 | Desk by windows | Center filing cabinet | Copier | 13:28 - 13:33 |
| | Sa1 | Sa2 | Sa3 | |
| 0.3 | 25965 | 26859 | 25260 | 26028 |
| 0.5 | 1826 | 1872 | 1718 | 1805 |
| 1 | 183 | 170 | 206 | 186 |
| 2.5 | 108 | 109 | 175 | 131 |
| 5 | 34 | 38 | 58 | 43 |
| 10 | 12 | 12 | 16 | 13 |
| Temp | 69.6 | | | Air-O-Cell 2607 0751 |
| RH | 30.7 | | | Formaldehyde ZZ116 |

| Building | RM # | | | Time |
|----------|------------|--------------|---------|----------------------|
| JFK M04E | Book shelf | Desk by Door | Cabinet | 13:35 - 13:40 |
| | Sa1 | Sa2 | Sa3 | |
| 0.3 | 25145 | 25189 | 25123 | 25152 |
| 0.5 | 1732 | 1730 | 1714 | 1725 |
| 1 | 183 | 165 | 187 | 178 |
| 2.5 | 153 | 129 | 162 | 148 |
| 5 | 47 | 49 | 52 | 49 |
| 10 | 23 | 12 | 24 | 20 |
| Temp | 71.8 | | | Air-O-Cell 2607 0746 |
| RH | 28.5 | | | Formaldehyde AB684 |

| Building | RM # | | | Time |
|----------|-------|-------|--------------|----------------------|
| JFK M04D | Door | Table | Book shelves | 13:43 - 13:48 |
| | Sa1 | Sa2 | Sa3 | |
| 0.3 | 23353 | 23180 | 23478 | 23337 |
| 0.5 | 1611 | 1575 | 1594 | 1593 |
| 1 | 189 | 193 | 186 | 189 |
| 2.5 | 135 | 174 | 131 | 147 |
| 5 | 59 | 63 | 38 | 53 |
| 10 | 29 | 26 | 29 | 28 |
| Temp | 72.6 | | | Air-O-Cell 2609 0192 |
| RH | 27.5 | | | Formaldehyde ZZ277 |

| Building | RM # | | | Time |
|----------|------------------|--------------|------------------------|----------------------|
| JFK M23 | Table by printer | Cart by door | Corner between windows | 14:04 - 14:09 |
| | Sa1 | Sa2 | Sa3 | |
| 0.3 | 22980 | 25138 | 22576 | 23565 |
| 0.5 | 1494 | 1861 | 1472 | 1609 |
| 1 | 211 | 412 | 113 | 245 |
| 2.5 | 177 | 489 | 86 | 251 |
| 5 | 65 | 192 | 22 | 93 |
| 10 | 10 | 55 | 6 | 24 |
| Temp | 71.7 | | | Air-O-Cell 2608 9837 |
| RH | 27.8 | | | Formaldehyde ZZ252 |

| Building | RM # | | | Time |
|----------|---------------------|---------|-------------|----------------------|
| JFK U18 | Tables near kitchen | Kitchen | Back corner | 14:26 - 14:31 |
| | Sa1 | Sa2 | Sa3 | |
| 0.3 | 23967 | 23409 | 23727 | 23701 |
| 0.5 | 1554 | 1581 | 1551 | 1562 |
| 1 | 113 | 123 | 109 | 115 |
| 2.5 | 67 | 115 | 52 | 78 |
| 5 | 27 | 36 | 13 | 25 |
| 10 | 6 | 9 | 3 | 6 |
| Temp | 73.4 | | | Air-O-Cell 2608 0726 |
| RH | 27 | | | Formaldehyde XX085 |

| Building | RM # | | | Time |
|----------|-----------|---------|-------|----------------------|
| JFK U02 | Main desk | Windows | Door | 14:38 - 14:43 |
| | Sa1 | Sa2 | Sa3 | |
| 0.3 | 18016 | 20213 | 15150 | 17793 |
| 0.5 | 1350 | 1346 | 1029 | 1242 |
| 1 | 86 | 93 | 83 | 87 |
| 2.5 | 44 | 48 | 54 | 49 |
| 5 | 20 | 23 | 32 | 25 |
| 10 | 3 | 6 | 7 | 5 |
| Temp | 71.8 | | | Air-O-Cell 2607 0726 |
| RH | 27.8 | | | Formaldehyde TT011 |

| Building | RM # | | | Time |
|----------|---------|----------------|--------------|----------------------|
| JFK U02A | By door | Center of room | By mailboxes | 14:47 - 14:51 |
| | Sa1 | Sa2 | Sa3 | |
| 0.3 | 20538 | 20629 | 20619 | 20595 |
| 0.5 | 1305 | 1330 | 1389 | 1341 |
| 1 | 84 | 90 | 84 | 86 |
| 2.5 | 52 | 44 | 57 | 51 |
| 5 | 9 | 11 | 10 | 10 |
| 10 | 12 | 3 | 12 | 9 |
| Temp | 73.3 | | | Air-O-Cell 2607 0821 |
| RH | 26.3 | | | Formaldehyde ZZ100 |

| Building | RM # | | | Time |
|----------|---------|--------------|------------|----------------------|
| JFK U08 | By door | Center table | Back table | 15:02 - 15:07 |
| | Sa1 | Sa2 | Sa3 | |
| 0.3 | 19749 | 19454 | 19565 | 19589 |
| 0.5 | 1390 | 1355 | 1338 | 1361 |
| 1 | 147 | 153 | 187 | 162 |
| 2.5 | 152 | 150 | 186 | 163 |
| 5 | 42 | 53 | 53 | 49 |
| 10 | 14 | 11 | 19 | 15 |
| Temp | 72.9 | | | Air-O-Cell 2608 9871 |
| RH | 26.9 | | | Formaldehyde TT739 |

| Comparables | | | |
|-------------|--------|---------|--------|
| | Inside | Outside | % diff |
| µm | | | |
| 0.3 | 23065 | 204125 | 159.4 |
| 0.5 | 1586 | 19317 | 169.6 |
| 1 | 178 | 1387 | 154.6 |
| 2.5 | 152 | 487 | 104.9 |
| 5 | 53 | 32 | 49.1 |
| 10 | 18 | 4 | 122.4 |
| Temp | 72 | 45 | 46.1 |
| RH | 28 | 74.4 | 90.4 |