



engineering and constructing a better tomorrow

**Daily Engineering Control Verification Sampling
General Services Administration
Department of the Interior Modernization Program
1849 C Street NW, Washington, DC**

Week ending: 10/11/2007

Note 1: TVOC = Total Volatile Organic Compounds, which is the total concentration of any volatile organic compounds that may be present. Volatile organic compounds are organic chemicals that have a high vapor pressure and easily form vapors at normal temperature. While there is currently no Permissible Exposure Limit (PEL) for TVOCs, an action level of 1.3 parts per million (ppm) has been established for this project based on best available research.

Note 2: OSHA Total and Respirable Particulate PEL = 15.0 milligrams per cubic meter of air (mg/m^3) for total particulates, 5.0 mg/m^3 for respirable particulates.

Friday: 10/05/2007

Floor	Location	Time	Total Particulates (mg/m^3)	TVOC (ppm)	Comments
7	Along main corridor between barricades	1241	0.045	0.0	Passed smoke test for negative air pressure at doors
6	Along main corridor between barricades	1243	0.035	0.0	
5	Along main corridor between barricades	1246	0.021	0.0	
4	Along main corridor between barricades	1247	0.048	0.0	
3	Along main corridor between barricades	1250	0.042	0.0	
2	Along main corridor between barricades	1251	0.046	0.0	
1	Along main corridor between barricades	1252	0.045	0.0	Passed smoke test for negative air pressure at doors
B	Along main corridor between barricades	1253	0.043	0.0	
6	Wing 5 rm 6510-6531	1244	0.053	0.0	
3	Wing 5 rm 3538-3560	1249	0.034	0.0	

Monday: 10/08/2007

Floor	Location	Time	Total Particulates (mg/m^3)	TVOC (ppm)	Comments
7	Along main corridor between barricades				
6	Along main corridor between barricades				
5	Along main corridor between barricades				
4	Along main corridor between barricades				
3	Along main corridor between barricades				
2	Along main corridor between barricades				
1	Along main corridor between barricades				
B	Along main corridor between barricades				

Holiday
No testing

Tuesday: 10/09/2007

Floor	Location	Time	Total Particulates (mg/m ³)	TVOC (ppm)	Comments
7	Along main corridor between barricades	1429	0.095	0.0	Passed smoke test for negative air pressure at doors
6	Along main corridor between barricades	1431	0.084	0.0	
5	Along main corridor between barricades	1434	0.062	0.0	
4	Along main corridor between barricades	1436	0.081	0.0	
3	Along main corridor between barricades	1437	0.084	0.0	
2	Along main corridor between barricades	1439	0.085	0.0	
1	Along main corridor between barricades	1444	0.058	0.0	Passed smoke test for negative air pressure at doors
B	Along main corridor between barricades	1445	0.082	0.0	
5	Wing 5 rm 5509-5531	1433	0.044	0.0	
2	Wing 5 rm 2505-2531	1442	0.040	0.0	

Wednesday: 10/10/2007

Floor	Location	Time	Total Particulates (mg/m ³)	TVOC (ppm)	Comments
7	Along main corridor between barricades	1555	0.022	0.0	Passed smoke test for negative air pressure at doors
6	Along main corridor between barricades	1556	0.017	0.0	
5	Along main corridor between barricades	1558	0.007	0.0	
4	Along main corridor between barricades	1601	0.023	0.0	
3	Along main corridor between barricades	1602	0.031	0.0	
2	Along main corridor between barricades	1604	0.025	0.0	
1	Along main corridor between barricades	1605	0.046	0.0	Passed smoke test for negative air pressure at doors
B	Along main corridor between barricades	1606	0.030	0.0	
7	Wing 5 rm 7508-7530	1554	0.012	0.0	
4	Wing 3 rm 4339-4361	1600	0.032	0.0	

Thursday: 9/11/2007

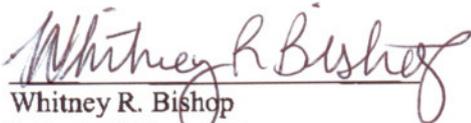
Floor	Location	Time	Total Particulates (mg/m ³)	TVOC (ppm)	Comments
7	Along main corridor between barricades	1514	0.039	0.0	Passed smoke test for negative air pressure at doors
6	Along main corridor between barricades	1516	0.032	0.0	
5	Along main corridor between barricades	1517	0.016	0.0	
4	Along main corridor between barricades	1519	0.025	0.0	
3	Along main corridor between barricades	1520	0.023	0.0	
2	Along main corridor between barricades	1524	0.025	0.0	
1	Along main corridor between barricades	1527	0.024	0.0	Passed smoke test for negative air pressure at doors
B	Along main corridor between barricades	1528	0.035	0.0	
2	Wing 3 rm 2312-2329	1523	0.040	0.0	
1	Wing 5 rm 1540-1559	1526	0.007	0.0	

Follow-Up Sampling in Areas with Results Above Established Action Levels

Floor	Location	Retest Time	Total Particulates (mg/m ³)	TVOC (ppm)	Comments
	N/A				

Additional Comments

Date	Floor	Comments


 Whitney R. Bishop
 Industrial Hygienist


 Christopher P. Williams, CIH
 Principal Safety & IH Specialist

Distribution

MACTEC	GSA	Jacobs Engineering	DOI
Chris Williams, CIH	James Hodges, CHMM	Bob Pizzano, PM, PE	Gay Bindocci, Ed.D, LEED
	Skip Vaughn, PM	David Altieri, Inspector	
	Pradip Patel, Assistant PM		