

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

Week ending: 8/16/07

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/m³) for total particulates, 5.0 mg/m³ for respirable particulates.

Friday: 8/10/07

Floor	Location	Time	Total Particulates (mg/m ³)	TVOC (ppm)	Comments
7	Along main corridor between barricades	1226	0.003	0.0	
6	Along main corridor between barricades	1228	0.003	0.0	
5	Along main corridor between barricades	1233	0.003	0.0	
4	Along main corridor between barricades	1236	0.003	0.0	
3	Along main corridor between barricades	1240	0.003	0.0	
2	Along main corridor between barricades	1242	0.003	0.0	
1	Along main corridor between barricades	1243	0.003	0.0	
B	Along main corridor between barricades	1245	0.003	0.0	
6	Wing 5 West	1231	0.002	0.0	
3	Wing 5 West	1238	0.002	0.0	

Monday: 8/13/07

Floor	Location	Time	Total Particulates (mg/m ³)	TVOC (ppm)	Comments
7	Along main corridor between barricades	1158	0.003	0.0	Passed smoke test for negative air pressure at doors
6	Along main corridor between barricades	1200	0.005	0.0	
5	Along main corridor between barricades	1143	0.003	0.0	
4	Along main corridor between barricades	1145	0.003	0.0	
3	Along main corridor between barricades	1148	0.004	0.0	
2	Along main corridor between barricades	1150	0.003	0.0	
1	Along main corridor between barricades	1152	0.005	0.0	Passed smoke test for negative air pressure at doors
B	Along main corridor between barricades	1155	0.005	0.0	
5	Wing 5 West	1139	0.002	0.0	Checked room 5519- TVOC=0.0
7	Wing 5 West	1158	0.003	0.0	

Tuesday: 8/14/07

Floor	Location	Time	Total Particulates (mg/m ³)	TVOC (ppm)	Comments
7	Along main corridor between barricades	1343	0.003	0.0	Passed smoke test for negative air pressure at doors
6	Along main corridor between barricades	1346	0.001	0.0	
5	Along main corridor between barricades	1353	0.001	0.0	
4	Along main corridor between barricades	1355	0.001	0.0	
3	Along main corridor between barricades	1358	0.002	0.0	
2	Along main corridor between barricades	1400	0.001	0.0	
1	Along main corridor between barricades	1408	0.001	0.0	Passed smoke test for negative air pressure at doors
B	Along main corridor between barricades	1410	0.003	0.0	
5	Wing 3 East	1351	0.003	0.0	
1	Wing 5 West	1405	0.002	0.0	

Wednesday: 8/15/07

Floor	Location	Time	Total Particulates (mg/m ³)	TVOC (ppm)	Comments
7	Along main corridor between barricades	1326	0.002	0.0	Passed smoke test for negative air pressure at doors
6	Along main corridor between barricades	1330	0.002	0.0	
5	Along main corridor between barricades	1334	0.002	0.0	
4	Along main corridor between barricades	1338	0.002	0.0	
3	Along main corridor between barricades	1350	0.003	0.0	
2	Along main corridor between barricades	1351	0.002	0.0	
1	Along main corridor between barricades	1353	0.003	0.0	Passed smoke test for negative air pressure at doors
B	Along main corridor between barricades	1355	0.003	0.0	
5	Wing 5 East	1343	0.002	0.0	
4	Wing 3 East	1403	0.002	0.0	

Thursday: 8/16/07

Floor	Location	Time	Total Particulates (mg/m ³)	TVOC (ppm)	Comments
7	Along main corridor between barricades	1253	0.003	0.0	Passed smoke test for negative air pressure at doors
6	Along main corridor between barricades	1257	0.002	0.0	
5	Along main corridor between barricades	1259	0.002	0.0	
4	Along main corridor between barricades	1301	0.002	0.0	
3	Along main corridor between barricades	1304	0.001	0.0	
2	Along main corridor between barricades	1306	0.002	0.0	
1	Along main corridor between barricades	1308	0.009	0.0	Passed smoke test for negative air pressure at doors
B	Along main corridor between barricades	1310	0.003	0.0	
4	Wing 5 West	1302	0.002	0.0	
2	Wing 5 West	1307	0.002	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
8/10	2	Elevator shaft breached - plastic was torn down---tested for TVOC=0.0 at 1345
8/15	5	Wing 5 West Emp complaints in a.m., asked for phone # to call


 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		