

**Metals Reference Levels (See Note 1)**

	Air Clearance Level	Surface Level
Antimony	250 ug/m3	400 ug/sq. ft
Barium	250 ug/m3	400 ug/sq. ft
Beryllium	1 ug/m3	1.6 ug/sq. ft
Cadmium	5 ug/m3	8 ug/sq. ft
Chromium	250 ug/m3	400 ug/sq. ft
Copper	500 ug/m3	800 ug/sq. ft
Lead	25 ug/m3	40 ug/sq. ft
Manganese	100 ug/m3	160 ug/sq. ft
Mercury	12.5 ug/m3	20 ug/sq. ft
Nickel	50 ug/m3	80 ug/sq. ft
Zinc	1000 ug/m3	1600 ug/sq. ft

**Metals Wipe Samples Taken on 9-29-05**

All results measured in ug/sq.ft

Sample Location	Antimony	Barium	Beryllium	Cadmium	Chromium	Copper	Lead	Manganese	Mercury	Nickel	Zinc
<i>Exterior Ground Floor South West</i>	66.4	477	N.D.	3.07	69.5	242	286	460	0.26	67.1	1500
<i>Exterior Ground Floor Steel Beam</i>	17.2	79.8	N.D.	1.58	20.1	58.8	69.7	132	0.08	18.2	374
<i>Exterior Ground Floor West</i>	8.15	29.7	N.D.	N.D.	14	64.9	44.5	123	N.D.	23.4	85.2
<i>Facade Above 5th Floor South Side</i>	0.8	78.7	N.D.	N.D.	3.77	8.36	8.18	3.1	N.D.	3.59	66.4
<i>Facade Above 5th Floor South West Side</i>	0.6	224	N.D.	N.D.	6.7	3.58	2.46	2.28	N.D.	2.76	63.4
<i>Facade Above 5th Floor North West Side</i>	0.9	222	N.D.	N.D.	6.2	17.6	1.8	4.73	N.D.	17.6	128
<i>Facade Above 14th Floor South West Side</i>	1.3	72.9	N.D.	N.D.	2.28	27.5	5.53	4.93	N.D.	12.4	92.5
<i>Facade Above 14th Floor West Side</i>	1.32	181	N.D.	N.D.	5.41	15.2	7.68	6.34	N.D.	8.05	156
<i>Facade Above 14th Floor North West Side</i>	N.D.	542	N.D.	N.D.	15.1	N.D.	4.13	N.D.	N.D.	1.08	N.D.

Note - 1 Air Clearance Levels are levels established by USEPA for work area clearance of WTC area abatement projects  
 Surface Levels were extrapolated by Airtek from HUD surface clearance guidelines for lead.  
 Surface Levels are unpublished values used solely as an illustration of relative contaminant loading.  
 No claim is made regarding relative health impact of contaminants at the listed surface levels.  
 These levels are not intended to represent surface clearance levels for abatement.

