

Table 1.1 Results of the Analysis for Metals in Air
WA # 0-236 WTC Landfill site

Client ID		Media Blank #1		Media Blank#2		Media Blank#3		WTC-0006		WTC-0007		WTC-0001	
Location		Lab		Lab		Lab		Lot Blank		Field Blank		O-19	
Air Volume (L)		-		-		-		0		0		4800	
Date Collected		-		-		-		12/03/01		12/03/01		12/03/01	
Parameter	Analysis Method	Conc µg/filter	MDL µg/filter	Conc µg/filter	MDL µg/filter	Conc µg/filter	MDL µg/filter	Conc µg/filter	MDL µg/filter	Conc µg/filter	MDL µg/filter	Conc µg/m ³	MDL µg/m ³
Aluminum	ICAP	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	0.33	0.26
Antimony	AA-Fur	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.01
Arsenic	AA-Fur	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.01
Barium	ICAP	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	0.048	0.026
Beryllium	ICAP	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.01
Cadmium	ICAP	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.026
Calcium	ICAP	3.8	2.5	3.8	2.5	3.5	2.5	U	2.5	U	2.5	1.8	0.52
Chromium	ICAP	0.81	0.13	0.92	0.13	0.69	0.13	U	0.13	U	0.13	U	0.026
Cobalt	ICAP	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.052
Copper	ICAP	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	0.071	0.052
Iron	ICAP	U	0.63	U	0.63	U	0.63	U	0.63	U	0.63	1.6	0.13
Lead	AA-Fur	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	0.17	0.01
Magnesium	ICAP	U	13	U	13	U	13	U	13	U	13	U	2.6
Manganese	ICAP	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.026
Nickel	ICAP	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.052
Potassium	ICAP	U	50	U	50	U	50	U	50	U	50	U	10
Selenium	AA-Fur	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.01
Silver	ICAP	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.026
Sodium	ICAP	U	13	U	13	U	13	U	13	U	13	U	2.6
Thallium	AA-Fur	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.01
Vanadium	ICAP	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.052
Zinc	ICAP	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	0.31	0.052

MDL denotes Method Detection Limit

U denotes less than the MDL (not detected)

Average Media Blank concentration subtracted from all sample results

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Table 1.1 (cont.) Results of the Analysis for Metals in Air
WA # 0-236 WTC Landfill site

Client ID		WTC-0002		WTC-0003		WTC-0004		WTC-0005	
Location		O-18		O-17		P-8		P-5	
Air Volume (L)		4730		4650		4790		4700	
Date Collected		12/03/01		12/03/01		12/03/01		12/03/01	
Parameter	Analysis Method	Conc µg/m³	MDL µg/m³	Conc µg/m³	MDL µg/m³	Conc µg/m³	MDL µg/m³	Conc µg/m³	MDL µg/m³
Aluminum	ICAP	0.32	0.26	0.29	0.27	U	0.26	0.35	0.27
Antimony	AA-Fur	U	0.011	U	0.011	U	0.01	U	0.011
Arsenic	AA-Fur	U	0.011	U	0.011	U	0.01	U	0.011
Barium	ICAP	0.052	0.026	0.038	0.027	0.026	0.026	U	0.027
Beryllium	ICAP	U	0.011	U	0.011	U	0.01	U	0.011
Cadmium	ICAP	U	0.026	U	0.027	U	0.026	U	0.027
Calcium	ICAP	1.9	0.53	1.7	0.54	1.1	0.52	3.4	0.53
Chromium	ICAP	U	0.026	U	0.027	U	0.026	U	0.027
Cobalt	ICAP	U	0.053	U	0.054	U	0.052	U	0.053
Copper	ICAP	0.48	0.053	U	0.054	0.07	0.052	U	0.053
Iron	ICAP	1.3	0.13	1.2	0.13	0.85	0.13	1.0	0.13
Lead	AA-Fur	0.058	0.011	0.047	0.011	0.029	0.01	0.041	0.011
Magnesium	ICAP	U	2.6	U	2.7	U	2.6	U	2.7
Manganese	ICAP	U	0.026	U	0.027	U	0.026	U	0.027
Nickel	ICAP	U	0.053	U	0.054	U	0.052	U	0.053
Potassium	ICAP	U	11	U	11	U	10	U	11
Selenium	AA-Fur	U	0.011	U	0.011	U	0.01	U	0.011
Silver	ICAP	U	0.026	U	0.027	U	0.026	U	0.027
Sodium	ICAP	U	2.6	3.1	2.7	4.9	2.6	U	2.7
Thallium	AA-Fur	U	0.011	U	0.011	U	0.01	U	0.011
Vanadium	ICAP	U	0.053	U	0.054	U	0.052	U	0.053
Zinc	ICAP	0.44	0.053	0.17	0.054	0.19	0.052	0.19	0.053

MDL denotes Method Detection Limit

U denotes less than the MDL (not detected)

Average Media Blank concentration subtracted from all sample results

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COC WTC12/03/01-Metals

ERTC 12/14/01