

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

Client ID Location Air Volume (L) Date Collected		Media Blank #1 Lab		Media Blank#2 Lab		Media Blank#3 Lab		WTC-0034 Field Blank 0 12/19/01		WTC-0035 Lot Blank 0 12/19/01		WTC-0029 O-17 4980 12/19/01	
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/m³	MDL µg/m³
Aluminum	ICAP	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	0.56	0.25
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	0.037	0.025
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	0.025
Calcium	ICAP	6.9	2.5	7	2.5	7.1	2.5	U	2.5	U	2.5	3.5	0.50
Chromium	ICAP	0.88	0.13	0.77	0.13	0.7	0.13	0.17	0.13	U	0.13	U	0.025
Cobalt	ICAP	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.05
Copper	ICAP	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.05
Iron	ICAP	U	0.63	U	0.63	U	0.63	U	0.63	U	0.63	1.2	0.13
Lead	AA-Fur	U	0.05	0.097	0.05	U	0.05	U	0.05	U	0.05	0.036	0.01
Magnesium	ICAP	U	13	U	13	U	13	U	13	U	13	U	2.5
Manganese	ICAP	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.025
Nickel	ICAP	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.05
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	0.025
Sodium	ICAP	20	13	20	13	21	13	U	13	U	13	U	2.5
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	0.05
Zinc	ICAP	0.26	0.25	0.42	0.25	0.48	0.25	U	0.25	U	0.25	0.082	0.05

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 12/19/01 metals 12/21/01 metals

ERTC 1/2/02

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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-0030		WTC-0031		WTC-0032		WTC-0033		WTC-0041		WTC-0042	
Location		O-18		O-19		P-5		P-8		Field Blank		Lot Blank	
Air Volume (L)		4,949.5		4,740.5		6,004.0		6,380.0		0.0		0.0	
Date Collected		12/19/2001		12/19/2001		12/19/2001		12/19/2001		12/21/01		12/21/01	
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	Conc µg/filter	MDL µg/filter	Conc µg/filter	MDL µg/filter
Aluminum	ICAP	0.66	0.25	U	0.26	0.40	0.21	0.48	0.20	1.7	1.3	3.3	1.3
Antimony	AA-Fur	U	0.01	U	0.011	U	0.0083	U	0.0078	U	0.05	U	0.05
Arsenic	AA-Fur	U	0.01	U	0.011	U	0.0083	U	0.0078	U	0.05	U	0.05
Barium	ICAP	0.077	0.025	U	0.026	U	0.021	U	0.02	U	0.13	U	0.13
Beryllium	ICAP	U	0.01	U	0.011	U	0.0083	U	0.0078	U	0.05	U	0.05
Cadmium	ICAP	U	0.025	U	0.026	U	0.021	U	0.02	U	0.13	U	0.13
Calcium	ICAP	2.4	0.51	0.61	0.53	2.5	0.42	U	0.39	U	2.5	U	2.5
Chromium	ICAP	U	0.025	U	0.026	0.039	0.021	U	0.02	U	0.13	0.26	0.13
Cobalt	ICAP	U	0.051	U	0.053	U	0.042	U	0.039	U	0.25	U	0.25
Copper	ICAP	0.051	0.051	U	0.053	U	0.042	U	0.039	U	0.25	U	0.25
Iron	ICAP	1.9	0.13	0.54	0.13	0.67	0.10	0.28	0.098	U	0.63	U	0.63
Lead	AA-Fur	0.027	0.01	U	0.011	0.015	0.0083	0.029	0.0078	U	0.05	U	0.05
Magnesium	ICAP	U	2.5	U	2.6	U	2.1	U	2.0	U	13	U	13
Manganese	ICAP	0.032	0.025	U	0.026	U	0.021	U	0.02	U	0.13	U	0.13
Nickel	ICAP	U	0.051	U	0.053	U	0.042	U	0.039	U	0.25	U	0.25
Potassium	ICAP	U	10	U	11	U	8.3	U	7.8	U	50	U	50
Selenium	AA-Fur	U	0.01	U	0.011	U	0.0083	U	0.0078	U	0.05	U	0.05
Silver	ICAP	U	0.025	U	0.026	U	0.021	U	0.02	U	0.13	U	0.13
Sodium	ICAP	U	2.5	U	2.6	U	2.1	U	2.0	U	13	U	13
Thallium	AA-Fur	U	0.01	U	0.011	U	0.0083	U	0.0078	U	0.05	U	0.05
Vanadium	ICAP	U	0.051	U	0.053	U	0.042	U	0.039	U	0.25	U	0.25
Zinc	ICAP	0.084	0.051	U	0.053	U	0.042	0.053	0.039	U	0.25	U	0.25

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U denotes less than the MDL (not detected)

Average Media Blank concentration subtracted from all sample results

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COC 12/19/01 metals 12/21/01 metals

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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-0036		WTC-0037		WTC-0038		WTC-0039		WTC-0040	
Location		O-17		O-18		O-19		P-5		P-8	
Air Volume (L)		4470.0		4940.0		4607.5		1990.0		3820.0	
Date Collected		12/21/01		12/21/01		12/21/01		12/21/01		12/21/01	
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	Conc µg/m³	MDL µg/m³
Aluminum	ICAP	0.63	0.28	0.43	0.25	U	0.27	U	0.63	3.0	0.33
Antimony	AA-Fur	U	0.011	U	0.01	U	0.011	U	0.025	0.013	0.013
Arsenic	AA-Fur	U	0.011	U	0.01	U	0.011	U	0.025	0.017	0.013
Barium	ICAP	U	0.028	0.038	0.025	U	0.027	U	0.063	0.051	0.033
Beryllium	ICAP	U	0.011	U	0.01	U	0.011	U	0.025	U	0.013
Cadmium	ICAP	U	0.028	U	0.025	U	0.027	U	0.063	U	0.033
Calcium	ICAP	5.7	0.56	1.4	0.51	U	0.54	2.1	1.3	35	0.65
Chromium	ICAP	U	0.028	U	0.025	U	0.027	0.47	0.063	0.10	0.033
Cobalt	ICAP	U	0.056	U	0.051	U	0.054	U	0.13	U	0.065
Copper	ICAP	U	0.056	0.098	0.051	U	0.054	U	0.13	0.34	0.065
Iron	ICAP	1.5	0.14	1.1	0.13	0.36	0.14	U	0.31	8.9	0.16
Lead	AA-Fur	0.03	0.011	0.012	0.01	U	0.011	U	0.025	0.29	0.013
Magnesium	ICAP	U	2.8	U	2.5	U	2.7	U	6.3	3.3	3.3
Manganese	ICAP	U	0.028	U	0.025	U	0.027	U	0.063	0.15	0.033
Nickel	ICAP	U	0.056	U	0.051	U	0.054	U	0.13	U	0.065
Potassium	ICAP	U	11	U	10	U	11	U	25	U	13
Selenium	AA-Fur	U	0.011	U	0.01	U	0.011	U	0.025	U	0.013
Silver	ICAP	U	0.028	U	0.025	U	0.027	U	0.063	U	0.033
Sodium	ICAP	U	2.8	U	2.5	U	2.7	U	6.3	U	3.3
Thallium	AA-Fur	U	0.011	U	0.01	U	0.011	U	0.025	U	0.013
Vanadium	ICAP	U	0.056	U	0.051	U	0.054	U	0.13	U	0.065
Zinc	ICAP	0.094	0.056	U	0.051	U	0.054	U	0.13	0.61	0.065

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Average Media Blank concentration subtracted from all sample results