

Prepared Exclusively For: NYCDEP-Emergency Response & Tech Assmt. 96-05 Horace Harding Expressway Corona, NY 11368 (718) 595-4650 MR. M. FAWZY, DIRECTOR	PEDNEAULT ASSOCIATES, INC. 1615 NINTH AVENUE, BOX 205, BOHEMIA, N.Y. 11716 LAB NUMBER: 01110052 PROJECT ID : WORLD TRADE CENTER- 5 Boro Sampling
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DATE RECEIVED		RELEASE DATE		REPORT DATE
11/4/01		11/13/01		11/13/01
COLLECT DATE:	SAMPLE ID#:	MATRIX:	SAMPLE ORIGIN:	
11/4/01 5:50 PM	01110052-001	AIR\GAS	BROADWAY AVE & 31st ST. , QUEENS	
PARAMETER	METHOD		RESULT	UNITS
Aluminum (Al)	OSHA ID 121/125G		<0.01	mg/m3
Antimony (Sb)	OSHA ID 121/125G		0.24	mg/m3
Arsenic (As)	OSHA ID 121/125G		0.07	mg/m3
Barium (Ba)	OSHA ID 121/125G		<0.01	mg/m3
Beryllium (Be)	OSHA ID 121/125G		<0.01	mg/m3
Cadmium (Cd)	OSHA ID 121/125G		<0.01	mg/m3
Calcium (Ca)	OSHA ID 121/125G		<0.01	mg/m3
Chromium (Cr)	OSHA ID 121/125G		<0.01	mg/m3
Copper (Cu)	OSHA ID 121/125G		0.01	mg/m3
Iron (Fe)	OSHA ID 121/125G		<0.01	mg/m3
Lead (Pb)	OSHA ID 121/125G		0.01	mg/m3
Magnesium (Mg)	OSHA ID 121/125G		<0.01	mg/m3
Manganese (Mn)	OSHA ID 121/125G		0.01	mg/m3
Mercury (Hg)	OSHA ID 121/245.5		<0.01	mg/m3
Nickel (Ni)	OSHA ID 121/125G		<0.01	mg/m3
Potassium (K)	OSHA ID 121/125G		<0.01	mg/m3
Selenium (Se)	OSHA ID 121/125G		0.10	mg/m3
Silver (Ag)	OSHA ID 121/125G		<0.01	mg/m3
Sodium (Na)	OSHA ID 121/125G		<0.01	mg/m3
Thallium (Tl)	OSHA ID 121/125G		0.02	mg/m3
Zinc (Zn)	OSHA ID 121/125G		<0.01	mg/m3

John Pedneault
Lab Director

Reported results are reflective of TOTAL, Metals @ 2L per min/15 min run.

SUPPLEMENTAL II

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NYS ELAP #10224
MWBE #46075

CITY_21MC100_002835478

CALCULATION FOR OSHA ID121/125G-- METALS IN AIR VIA CASSETTE FILTER (37MM MILLIPORE) & MOBILE VACUUM PUMPS

A= Concentration of Analyte in sample solution (µg/ml) or (mg/L)

B=Concentration of Blank in sample solution (µg/ml) or (mg/L)

SSV= Sample Solution Volume ASSV= Analyte concentration x Sample Solution Volume

BSV=Blank Sample Volume BBSV=Blank concentration x Blank Sample Volume

RAB= Reagent Blank Concentration (µg/ml) or (mg/L)

RABSV= Reagent Blank Sample Volume

D= Dilution Factor (NONE)

NO GRAVIMETRIC FACTORS

AV= Air Volume Sampled

AR=Analytical Result

ARR=Analytical Reportable Result in mg/m³ (rounded off to 3-sigma)

$$AR = \frac{(A \times SSV) - (B \times BSV)}{AV}$$

For the Trip Blank Analytical Value:

$$AR = \frac{(B \times BSV) - (RAB \times RABSV)}{AV}$$

A (mg/L)	SSV (mL)	A x SSV = ASSV	B (mg/L)	BSV (mL)	B x BSV = BBSV	ASSV -BBSV = AR	AV Liters	AR/AV	ANALYTE	ARR mg/m ³
0.03	100	3	0.223	100	22.3	-19.3	30	-0.6433333	Aluminum- Al	<0.01
0.095	100	9.5	0.024	100	2.4	7.1	30	0.2366667	Antimony-Sb	0.24
0.024	100	2.4	0.003	100	0.3	2.1	30	0.07	Arsenic-As	0.07
0.002	100	0.2	0.402	100	40.2	-40	30	-1.3333333	Barium-Ba	<0.01
0.001	100	0.1	0.001	100	0.1	0	30	0	Beryllium-Be	<0.01
0	100	0	-0.001	100	-0.1	0.1	30	0.0033333	Cadmium-Cd	<0.01
0.282	100	28.2	0.316	100	31.6	-3.4	30	-0.1133333	Calcium-Ca	<0.01
0.006	100	0.6	0.004	100	0.4	0.2	30	0.0066667	Chromium-Cr	<0.01
0.007	100	0.7	0.002	100	0.2	0.5	30	0.0166667	Copper-Cu	0.01
0.06	100	6	0.139	100	13.9	-7.9	30	-0.2633333	Iron-Fe	<0.01
0	100	0	-0.004	100	-0.4	0.4	30	0.0133333	Lead-Pb	0.01
0.053	100	5.3	0.061	100	6.1	-0.8	30	-0.0266667	Magnesium-Mg	<0.01
0.026	100	2.6	0.023	100	2.3	0.3	30	0.01	Manganese-Mn	0.01
	100			100			30		Mercury-Hg	<0.01
0.004	100	0.4	0.003	100	0.3	0.1	30	0.0033333	Nickel-Ni	<0.01
0.068	100	6.8	0.583	100	58.3	-51.5	30	-1.7166667	Potassium-K	<0.01
0.022	100	2.2	-0.008	100	-0.8	3	30	0.1	Selenium-Se	0.1
0.001	100	0.1	0.001	100	0.1	0	30	0	Silver-Ag	<0.01
1.441	100	144.1	2.626	100	262.6	-118.5	30	-3.95	Sodium-Na	<0.01
0.001	100	0.1	0	100	0	0.1	30	0.0033333	Thallium-Tl	0.02
0.013	100	1.3	0.227	100	22.7	-21.4	30	-0.7133333	Zinc-Zn	<0.01

LAB ID #01110052-001

NYCDEP - BROADWAY & 31ST QUEENS

Prepared Exclusively For: NYCDEP-Emergency Response & Tech Assmt. 96-05 Horace Harding Expressway Corona, NY 11368 (718) 595-4650 MR. M. FAWZY, DIRECTOR	PEDNEAULT ASSOCIATES, INC. 1615 NINTH AVENUE, BOX 205, BOHEMIA, N.Y. 11716 LAB NUMBER: 01110052 PROJECT ID : WORLD TRADE CENTER- 5 Boro Sampling
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DATE RECEIVED		RELEASE DATE		REPORT DATE
11/4/01		11/13/01		11/13/01
COLLECT DATE:	SAMPLE ID#:	MATRIX:	SAMPLE ORIGIN:	
11/4/01 6:25 PM	01110052-002	AIR\GAS	138th St. & 3rd AVENUE, BRONX	
PARAMETER	METHOD		RESULT	UNITS
Aluminum (Al)	OSHA ID 121/125G		<0.01	mg/m3
Antimony (Sb)	OSHA ID 121/125G		0.10	mg/m3
Arsenic (As)	OSHA ID 121/125G		0.04	mg/m3
Barium (Ba)	OSHA ID 121/125G		<0.01	mg/m3
Beryllium (Be)	OSHA ID 121/125G		<0.01	mg/m3
Cadmium (Cd)	OSHA ID 121/125G		<0.01	mg/m3
Calcium (Ca)	OSHA ID 121/125G		0.12	mg/m3
Chromium (Cr)	OSHA ID 121/125G		<0.01	mg/m3
Copper (Cu)	OSHA ID 121/125G		<0.01	mg/m3
Iron (Fe)	OSHA ID 121/125G		<0.01	mg/m3
Lead (Pb)	OSHA ID 121/125G		<0.01	mg/m3
Magnesium (Mg)	OSHA ID 121/125G		<0.01	mg/m3
Manganese (Mn)	OSHA ID 121/125G		0.02	mg/m3
Mercury (Hg)	OSHA ID 121/245.5		<0.01	mg/m3
Nickel (Ni)	OSHA ID 121/125G		<0.01	mg/m3
Potassium (K)	OSHA ID 121/125G		<0.01	mg/m3
Selenium (Se)	OSHA ID 121/125G		0.03	mg/m3
Silver (Ag)	OSHA ID 121/125G		<0.01	mg/m3
Sodium (Na)	OSHA ID 121/125G		<0.01	mg/m3
Thallium (Tl)	OSHA ID 121/125G		<0.01	mg/m3
Zinc (Zn)	OSHA ID 121/125G		<0.01	mg/m3

John Pedneault
Lab Director

Reported results are reflective of TOTAL, Metals @ 2L per min/15 min run.

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MWBE #46075

SUPPLEMENTAL II

CITY_21MC100_002835480

CALCULATION FOR OSHA ID121/125G-- METALS IN AIR VIA CASSETTE FILTER (37MM MILLIPORE) & MOBILE VACUUM PUMPS

A= Concentration of Analyte in sample solution (µg/ml) or (mg/L)

B=Concentration of Blank in sample solution (µg/ml) or (mg/L)

SSV= Sample Solution Volume ASSV= Analyte concentration x Sample Solution Volume

BSV=Blank Sample Volume BBSV=Blank concentration x Blank Sample Volume

RAB= Reagent Blank Concentration (µg/ml) or (mg/L)

RABSV= Reagent Blank Sample Volume

D= Dilution Factor (NONE)

NO GRAVIMETRIC FACTORS

AV= Air Volume Sampled

AR=Analytical Result

ARR=Analytical Reportable Result in mg/m³ (rounded off to 3-sigma)

$$AR = \frac{(A \times SSV) - (B \times BSV)}{AV}$$

For the Trip Blank Analytical Value:

$$AR = \frac{(B \times BSV) - (RAB \times RABSV)}{AV}$$

A (mg/L)	SSV (mL)	A x SSV = ASSV	B (mg/L)	BSV (mL)	B x BSV = BBSV	ASSV -BBSV = AR	AV Liters	AR/AV	ANALYTE	ARR mg/m ³
0.083	100	8.3	0.223	100	22.3	-14	30	-0.4666667	Aluminum- Al	<0.01
0.053	100	5.3	0.024	100	2.4	2.9	30	0.0966667	Antimony-Sb	0.1
0.014	100	1.4	0.003	100	0.3	1.1	30	0.0366667	Arsenic-As	0.04
0.003	100	0.3	0.402	100	40.2	-39.9	30	-1.33	Barium-Ba	<0.01
0.001	100	0.1	0.001	100	0.1	0	30	0	Beryllium-Be	<0.01
0	100	0	-0.001	100	-0.1	0.1	30	0.0033333	Cadmium-Cd	<0.01
0.353	100	35.3	0.316	100	31.6	3.7	30	0.1233333	Calcium-Ca	0.12
0.006	100	0.6	0.004	100	0.4	0.2	30	0.0066667	Chromium-Cr	<0.01
0.002	100	0.2	0.002	100	0.2	0	30	0	Copper-Cu	<0.01
0.089	100	8.9	0.139	100	13.9	-5	30	-0.1666667	Iron-Fe	<0.01
-0.003	100	-0.3	-0.004	100	-0.4	0.1	30	0.0033333	Lead-Pb	<0.01
0.055	100	5.5	0.061	100	6.1	-0.6	30	-0.02	Magnesium-Mg	<0.01
0.03	100	3	0.023	100	2.3	0.7	30	0.0233333	Manganese-Mn	0.02
	100			100			30		Mercury-Hg	<0.01
0.003	100	0.3	0.003	100	0.3	0	30	0	Nickel-Ni	<0.01
0.125	100	12.5	0.583	100	58.3	-45.8	30	-1.5266667	Potassium-K	<0.01
0	100	0	-0.008	100	-0.8	0.8	30	0.0266667	Selenium-Se	0.03
0.002	100	0.2	0.001	100	0.1	0.1	30	0.0033333	Silver-Ag	<0.01
1.894	100	189.4	2.626	100	262.6	-73.2	30	-2.44	Sodium-Na	<0.01
0.001	100	0.1	0	100	0	0.1	30	0.0033333	Thallium-Tl	<0.01
0.016	100	1.6	0.227	100	22.7	-21.1	30	-0.7033333	Zinc-Zn	<0.01

LAB ID #01110052-002

NYCDEP - 138TH & 3RD AVENUE BRONX

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<p><i>Prepared Exclusively For:</i></p> <p>NYCDEP-Emergency Response & Tech Assmt.</p> <p>96-05 Horace Harding Expressway</p> <p>Corona, NY 11368</p> <p>(718) 595-4650</p> <p>MR. M. FAWZY, DIRECTOR</p>	<p>PEDNEAULT ASSOCIATES, INC.</p> <p>1615 NINTH AVENUE, BOX 205, BOHEMIA, N.Y. 11716</p> <p>LAB NUMBER: 01110052</p> <p>PROJECT ID : WORLD TRADE CENTER- 5 Boro Sampling</p>
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DATE RECEIVED		RELEASE DATE		REPORT DATE
11/4/01		11/13/01		11/13/01
COLLECT DATE:	SAMPLE ID#:	MATRIX:	SAMPLE ORIGIN:	
11/4/01 7:05 PM	01110052-003	AIR/GAS	CENTRAL PARK N. & LENOX, MANHATTAN	
PARAMETER	METHOD		RESULT	UNITS
Aluminum (Al)	OSHA ID 121/125G		<0.01	mg/m3
Antimony (Sb)	OSHA ID 121/125G		0.09	mg/m3
Arsenic (As)	OSHA ID 121/125G		0.11	mg/m3
Barium (Ba)	OSHA ID 121/125G		<0.01	mg/m3
Beryllium (Be)	OSHA ID 121/125G		<0.01	mg/m3
Cadmium (Cd)	OSHA ID 121/125G		<0.01	mg/m3
Calcium (Ca)	OSHA ID 121/125G		<0.01	mg/m3
Chromium (Cr)	OSHA ID 121/125G		<0.01	mg/m3
Copper (Cu)	OSHA ID 121/125G		0.01	mg/m3
Iron (Fe)	OSHA ID 121/125G		<0.01	mg/m3
Lead (Pb)	OSHA ID 121/125G		0.01	mg/m3
Magnesium (Mg)	OSHA ID 121/125G		<0.01	mg/m3
Manganese (Mn)	OSHA ID 121/125G		<0.01	mg/m3
Mercury (Hg)	OSHA ID 121/245.5		<0.01	mg/m3
Nickel (Ni)	OSHA ID 121/125G		<0.01	mg/m3
Potassium (K)	OSHA ID 121/125G		<0.01	mg/m3
Selenium (Se)	OSHA ID 121/125G		0.20	mg/m3
Silver (Ag)	OSHA ID 121/125G		<0.01	mg/m3
Sodium (Na)	OSHA ID 121/125G		<0.01	mg/m3
Thallium (Tl)	OSHA ID 121/125G		0.01	mg/m3
Zinc (Zn)	OSHA ID 121/125G		<0.01	mg/m3

John Pedneault
Lab Director

Reported results are reflective of TOTAL, Metals @ 2L per min/15 min run.

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MWBE #46075

SUPPLEMENTAL II

CITY_21MC100_002835482

CALCULATION FOR OSHA ID121/125G-- METALS IN AIR VIA CASSETTE FILTER (37MM MILLIPORE) & MOBILE VACUUM PUMPS

A= Concentration of Analyte in sample solution (µg/ml) or (mg/L)
 B=Concentration of Blank in sample solution (µg/ml) or (mg/L)
 SSV= Sample Solution Volume ASSV= Analyte concentration x Sample Solution Volume
 BSV=Blank Sample Volume BBSV=Blank concentration x Blank Sample Volume
 RAB= Reagent Blank Concentration (µg/ml) or (mg/L)
 RABSV= Reagent Blank Sample Volume
 D= Dilution Factor (NONE)
 NO GRAVIMETRIC FACTORS
 AV= Air Volume Sampled
 AR=Analytical Result
 IARR=Analytical Reportable Result in mg/m³ (rounded off to 3-sigma)

$$AR = \frac{(A \times SSV) - (B \times BSV)}{AV}$$

For the Trip Blank Analytical Value:

$$AR = \frac{(B \times BSV) - (RAB \times RABSV)}{AV}$$

A (mg/L)	SSV (mL)	A x SSV = ASSV	B (mg/L)	BSV (mL)	B x BSV = BBSV	ASSV - BBSV = AR	AV Liters	AR/AV	ANALYTE	ARR mg/m ³
0.111	100	11.1	0.223	100	22.3	-11.2	30	-0.3733333	Aluminum-Al	<0.01
0.052	100	5.2	0.024	100	2.4	2.8	30	0.0933333	Antimony-Sb	0.09
0.036	100	3.6	0.003	100	0.3	3.3	30	0.11	Arsenic-As	0.11
0.003	100	0.3	0.402	100	40.2	-39.9	30	-1.33	Barium-Ba	<0.01
0.001	100	0.1	0.001	100	0.1	0	30	0	Beryllium-Be	<0.01
0.001	100	0.1	-0.001	100	-0.1	0.2	30	0.0066667	Cadmium-Cd	<0.01
0.302	100	30.2	0.316	100	31.6	-1.4	30	-0.0466667	Calcium-Ca	<0.01
0.002	100	0.2	0.004	100	0.4	-0.2	30	-0.0066667	Chromium-Cr	<0.01
0.006	100	0.6	0.002	100	0.2	0.4	30	0.0133333	Copper-Cu	0.01
0.046	100	4.6	0.139	100	13.9	-9.3	30	-0.31	Iron-Fe	<0.01
-0.001	100	-0.1	-0.004	100	-0.4	0.3	30	0.01	Lead-Pb	0.01
0.054	100	5.4	0.061	100	6.1	-0.7	30	-0.0233333	Magnesium-Mg	<0.01
0.022	100	2.2	0.023	100	2.3	-0.1	30	-0.0033333	Manganese-Mn	<0.01
	100			100			30		Mercury-Hg	<0.01
0.003	100	0.3	0.003	100	0.3	0	30	0	Nickel-Ni	<0.01
0.126	100	12.6	0.583	100	58.3	-45.7	30	-1.5233333	Potassium-K	<0.01
0.052	100	5.2	-0.008	100	-0.8	6	30	0.2	Selenium-Se	0.2
0.001	100	0.1	0.001	100	0.1	0	30	0	Silver-Ag	<0.01
1.579	100	157.9	2.626	100	262.6	-104.7	30	-3.49	Sodium-Na	<0.01
0.004	100	0.4	0	100	0	0.4	30	0.0133333	Thallium-Tl	0.01
0.018	100	1.8	0.227	100	22.7	-20.9	30	-0.6966667	Zinc-Zn	<0.01

LAB ID #01110052-003

NYCDEP - CENTRAL PK NO & LENOX-NYC

\\NYCDEP\FILES\NYCDEP\HAZMAT\001110052-003

Prepared Exclusively For: NYCDEP-Emergency Response & Tech Assmt. 96-05 Horace Harding Expressway Corona, NY 11368 (718) 595-4650 MR. M. FAWZY, DIRECTOR	PEDNEAULT ASSOCIATES, INC. 1615 NINTH AVENUE, BOX 205, BOHEMIA, N.Y. 11716 LAB NUMBER: 01110052 PROJECT ID : WORLD TRADE CENTER- 5 Boro Sampling
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DATE RECEIVED		RELEASE DATE		REPORT DATE
11/4/01		11/13/01		11/13/01
COLLECT DATE:	SAMPLE ID#:	MATRIX:	SAMPLE ORIGIN:	
11/4/01 8:20 PM	01110052-004	AIR\GAS	BERRY ST. & NORTH 11th ST, BROOKLYN	
PARAMETER	METHOD		RESULT	UNITS
Aluminum (Al)	OSHA ID 121/125G		<0.01	mg/m3
Antimony (Sb)	OSHA ID 121/125G		0.13	mg/m3
Arsenic (As)	OSHA ID 121/125G		0.04	mg/m3
Barium (Ba)	OSHA ID 121/125G		<0.01	mg/m3
Beryllium (Be)	OSHA ID 121/125G		<0.01	mg/m3
Cadmium (Cd)	OSHA ID 121/125G		<0.01	mg/m3
Calcium (Ca)	OSHA ID 121/125G		<0.01	mg/m3
Chromium (Cr)	OSHA ID 121/125G		<0.01	mg/m3
Copper (Cu)	OSHA ID 121/125G		<0.01	mg/m3
Iron (Fe)	OSHA ID 121/125G		<0.01	mg/m3
Lead (Pb)	OSHA ID 121/125G		<0.01	mg/m3
Magnesium (Mg)	OSHA ID 121/125G		<0.01	mg/m3
Manganese (Mn)	OSHA ID 121/125G		<0.01	mg/m3
Mercury (Hg)	OSHA ID 121/245.5		<0.01	mg/m3
Nickel (Ni)	OSHA ID 121/125G		<0.01	mg/m3
Potassium (K)	OSHA ID 121/125G		<0.01	mg/m3
Selenium (Se)	OSHA ID 121/125G		0.06	mg/m3
Silver (Ag)	OSHA ID 121/125G		<0.01	mg/m3
Sodium (Na)	OSHA ID 121/125G		<0.01	mg/m3
Thallium (Tl)	OSHA ID 121/125G		<0.01	mg/m3
Zinc (Zn)	OSHA ID 121/125G		<0.01	mg/m3

John Pedneault
Lab Director

Reported results are reflective of TOTAL, Metals @ 2L per min/15 min run.

SUPPLEMENTAL II

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NYS ELAP #10224
MWBE #46075

CITY_21MC100_002835484

CALCULATION FOR OSHA ID121/125G-- METALS IN AIR VIA CASSETTE FILTER (37MM MILLIPORE) & MOBILE VACUUM PUMPS

A= Concentration of Analyte in sample solution (µg/ml) or (mg/L)

B=Concentration of Blank in sample solution (µg/ml) or (mg/L)

SSV= Sample Solution Volume

ASSV= Analyte concentration x Sample Solution Volume

BSV=Blank Sample Volume

BBSV=Blank concentration x Blank Sample Volume

RAB= Reagent Blank Concentration (µg/ml) or (mg/L)

RABSV= Reagent Blank Sample Volume

D= Dilution Factor (NONE)

NO GRAVIMETRIC FACTORS

AV= Air Volume Sampled

AR=Analytical Result

ARR=Analytical Reportable Result in mg/m³ (rounded off to 3-sigma)

$$AR = \frac{(A \times SSV) - (B \times BSV)}{AV}$$

For the Trip Blank Analytical Value:

$$AR = \frac{(B \times BSV) - (RAB \times RABSV)}{AV}$$

A (mg/L)	SSV (mL)	A x SSV = ASSV	B (mg/L)	BSV (mL)	B x BSV = BBSV	ASSV -BBSV = AR	AV Liters	AR/AV	ANALYTE	ARR mg/m ³
0.105	100	10.5	0.223	100	22.3	-11.8	30	-0.3933333	Aluminum- Al	<0.01
0.063	100	6.3	0.024	100	2.4	3.9	30	0.13	Antimony-Sb	0.13
0.014	100	1.4	0.003	100	0.3	1.1	30	0.0366667	Arsenic-As	0.04
0.003	100	0.3	0.402	100	40.2	-39.9	30	-1.33	Barium-Ba	<0.01
0.001	100	0.1	0.001	100	0.1	0	30	0	Beryllium-Be	<0.01
0	100	0	-0.001	100	-0.1	0.1	30	0.0033333	Cadmium-Cd	<0.01
0.28	100	28	0.316	100	31.6	-3.6	30	-0.12	Calcium-Ca	<0.01
0.005	100	0.5	0.004	100	0.4	0.1	30	0.0033333	Chromium-Cr	<0.01
0.004	100	0.4	0.002	100	0.2	0.2	30	0.0066667	Copper-Cu	<0.01
0.078	100	7.8	0.139	100	13.9	-6.1	30	-0.2033333	Iron-Fe	<0.01
-0.005	100	-0.5	-0.004	100	-0.4	-0.1	30	-0.0033333	Lead-Pb	<0.01
0.048	100	4.8	0.061	100	6.1	-1.3	30	-0.0433333	Magnesium-Mg	<0.01
0.024	100	2.4	0.023	100	2.3	0.1	30	0.0033333	Manganese-Mn	<0.01
	100			100			30		Mercury-Hg	<0.01
0.003	100	0.3	0.003	100	0.3	0	30	0	Nickel-Ni	<0.01
0.108	100	10.8	0.583	100	58.3	-47.5	30	-1.5833333	Potassium-K	<0.01
0.011	100	1.1	-0.008	100	-0.8	1.9	30	0.0633333	Selenium-Se	0.06
0.001	100	0.1	0.001	100	0.1	0	30	0	Silver-Ag	<0.01
1.787	100	178.7	2.626	100	262.6	-83.9	30	-2.7966667	Sodium-Na	<0.01
0	100	0	0	100	0	0	30	0	Thallium-Tl	<0.01
0.014	100	1.4	0.227	100	22.7	-21.3	30	-0.71	Zinc-Zn	<0.01

LAB ID #01110052-004

NYCDEP - BERRY & NORTH BROOKLYN

Prepared Exclusively For: NYCDEP-Emergency Response & Tech Assmt. 96-05 Horace Harding Expressway Corona, NY 11368 (718) 595-4650 MR. M. FAWZY, DIRECTOR	PEDNEAULT ASSOCIATES, INC. 1615 NINTH AVENUE, BOX 205, BOHEMIA, N.Y. 11716 LAB NUMBER: 01110052 PROJECT ID : WORLD TRADE CENTER- 5 Boro Sampling
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DATE RECEIVED		RELEASE DATE		REPORT DATE
11/4/01		11/13/01		11/13/01
COLLECT DATE:	SAMPLE ID#:	MATRIX:	SAMPLE ORIGIN:	
11/4/01 9:00 PM	01110052-005	AIR\GAS	ATLANTIC AVE. & SMITH ST., BROOKLYN	
PARAMETER	METHOD		RESULT	UNITS
Aluminum (Al)	OSHA ID 121/125G		<0.01	mg/m3
Antimony (Sb)	OSHA ID 121/125G		0.05	mg/m3
Arsenic (As)	OSHA ID 121/125G		0.01	mg/m3
Barium (Ba)	OSHA ID 121/125G		<0.01	mg/m3
Beryllium (Be)	OSHA ID 121/125G		<0.01	mg/m3
Cadmium (Cd)	OSHA ID 121/125G		<0.01	mg/m3
Calcium (Ca)	OSHA ID 121/125G		0.06	mg/m3
Chromium (Cr)	OSHA ID 121/125G		<0.01	mg/m3
Copper (Cu)	OSHA ID 121/125G		<0.01	mg/m3
Iron (Fe)	OSHA ID 121/125G		<0.01	mg/m3
Lead (Pb)	OSHA ID 121/125G		<0.01	mg/m3
Magnesium (Mg)	OSHA ID 121/125G		<0.01	mg/m3
Manganese (Mn)	OSHA ID 121/125G		<0.01	mg/m3
Mercury (Hg)	OSHA ID 121/245.5		<0.01	mg/m3
Nickel (Ni)	OSHA ID 121/125G		<0.01	mg/m3
Potassium (K)	OSHA ID 121/125G		<0.01	mg/m3
Selenium (Se)	OSHA ID 121/125G		0.06	mg/m3
Silver (Ag)	OSHA ID 121/125G		<0.01	mg/m3
Sodium (Na)	OSHA ID 121/125G		<0.01	mg/m3
Thallium (Tl)	OSHA ID 121/125G		<0.01	mg/m3
Zinc (Zn)	OSHA ID 121/125G		<0.01	mg/m3

John Pedneault
Lab Director

Reported results are reflective of TOTAL, Metals @ 2L per min/15 min run.

SUPPLEMENTAL II

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 NYS ELAP #10224
 MWBE #46075

CITY_21MC100_002835486

CALCULATION FOR OSHA ID121/125G-- METALS IN AIR VIA CASSETTE FILTER (37MM MILLIPORE) & MOBILE VACUUM PUMPS

A= Concentration of Analyte in sample solution (µg/ml) or (mg/L)

B=Concentration of Blank in sample solution (µg/ml) or (mg/L)

SSV= Sample Solution Volume ASSV= Analyte concentration x Sample Solution Volume

BSV=Blank Sample Volume BBSV=Blank concentration x Blank Sample Volume

RAB= Reagent Blank Concentration (µg/ml) or (mg/L)

RABSV= Reagent Blank Sample Volume

D= Dilution Factor (NONE)

NO GRAVIMETIC FACTORS

AV= Air Volume Sampled

AR=Analytical Result

ARR=Analytical Reportable Result in mg/m³ (rounded off to 3-sigma)

$$AR = \frac{(A \times SSV) - (B \times BSV)}{AV}$$

For the Trip Blank Analytical Value:

$$AR = \frac{(B \times BSV) - (RAB \times RABSV)}{AV}$$

A (mg/L)	SSV (mL)	A x SSV = ASSV	B (mg/L)	BSV (mL)	B x BSV = BBSV	ASSV -BBSV = AR	AV Liters	AR/AV	ANALYTE	ARR mg/m ³
0.1	100	10	0.223	100	22.3	-12.3	30	-0.41	Aluminum- Al	<0.01
0.039	100	3.9	0.024	100	2.4	1.5	30	0.05	Antimony-Sb	0.05
0.007	100	0.7	0.003	100	0.3	0.4	30	0.0133333	Arsenic-As	0.01
0.003	100	0.3	0.402	100	40.2	-39.9	30	-1.33	Barium-Ba	<0.01
0.001	100	0.1	0.001	100	0.1	0	30	0	Beryllium-Be	<0.01
0	100	0	-0.001	100	-0.1	0.1	30	0.0033333	Cadmium-Cd	<0.01
0.333	100	33.3	0.316	100	31.6	1.7	30	0.0566667	Calcium-Ca	0.06
0.006	100	0.6	0.004	100	0.4	0.2	30	0.0066667	Chromium-Cr	<0.01
0.003	100	0.3	0.002	100	0.2	0.1	30	0.0033333	Copper-Cu	<0.01
0.076	100	7.6	0.139	100	13.9	-6.3	30	-0.21	Iron-Fe	<0.01
-0.003	100	-0.3	-0.004	100	-0.4	0.1	30	0.0033333	Lead-Pb	<0.01
0.06	100	6	0.061	100	6.1	-0.1	30	-0.0033333	Magnesium-Mg	<0.01
0.025	100	2.5	0.023	100	2.3	0.2	30	0.0066667	Manganese-Mn	<0.01
	100			100			30		Mercury-Hg	<0.01
0.004	100	0.4	0.003	100	0.3	0.1	30	0.0033333	Nickel-Ni	<0.01
0.104	100	10.4	0.583	100	58.3	-47.9	30	-1.5966667	Potassium-K	<0.01
0.01	100	1	-0.008	100	-0.8	1.8	30	0.06	Selenium-Se	0.06
0.001	100	0.1	0.001	100	0.1	0	30	0	Silver-Ag	<0.01
1.713	100	171.3	2.626	100	262.6	-91.3	30	-3.0433333	Sodium-Na	<0.01
0.002	100	0.2	0	100	0	0.2	30	0.0066667	Thallium-Tl	<0.01
0.017	100	1.7	0.227	100	22.7	-21	30	-0.7	Zinc-Zn	<0.01

LAB ID #01110052-005

NYCDEP, ATLANTIC AV & SMITH STR, BROOKLYN

<p><i>Prepared Exclusively For:</i></p> <p>NYCDEP-Emergency Response & Tech Assmt.</p> <p>96-05 Horace Harding Expressway</p> <p>Corona, NY 11368</p> <p>(718) 595-4650</p> <p>MR. M. FAWZY, DIRECTOR</p>	<p>PEDNEAULT ASSOCIATES, INC.</p> <p>1615 NINTH AVENUE, BOX 205, BOHEMIA, N.Y. 11716</p> <p>LAB NUMBER: 01110052</p> <p>PROJECT ID : WORLD TRADE CENTER- 5 Boro Sampling</p>
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DATE RECEIVED		RELEASE DATE		REPORT DATE
11/4/01		11/13/01		11/13/01
COLLECT DATE:	SAMPLE ID#:	MATRIX:	SAMPLE ORIGIN:	
11/4/01 9:40 PM	01110052-006	AIR/GAS	BAY ST & VICTORY BLVD., STATEN ISLAND	
PARAMETER	METHOD		RESULT	UNITS
Aluminum (Al)	OSHA ID 121/125G		<0.01	mg/m3
Antimony (Sb)	OSHA ID 121/125G		0.02	mg/m3
Arsenic (As)	OSHA ID 121/125G		0.01	mg/m3
Barium (Ba)	OSHA ID 121/125G		<0.01	mg/m3
Beryllium (Be)	OSHA ID 121/125G		<0.01	mg/m3
Cadmium (Cd)	OSHA ID 121/125G		<0.01	mg/m3
Calcium (Ca)	OSHA ID 121/125G		<0.01	mg/m3
Chromium (Cr)	OSHA ID 121/125G		<0.01	mg/m3
Copper (Cu)	OSHA ID 121/125G		<0.01	mg/m3
Iron (Fe)	OSHA ID 121/125G		<0.01	mg/m3
Lead (Pb)	OSHA ID 121/125G		<0.01	mg/m3
Magnesium (Mg)	OSHA ID 121/125G		<0.01	mg/m3
Manganese (Mn)	OSHA ID 121/125G		<0.01	mg/m3
Mercury (Hg)	OSHA ID 121/245.5		<0.01	mg/m3
Nickel (Ni)	OSHA ID 121/125G		<0.01	mg/m3
Potassium (K)	OSHA ID 121/125G		<0.01	mg/m3
Selenium (Se)	OSHA ID 121/125G		0.01	mg/m3
Silver (Ag)	OSHA ID 121/125G		<0.01	mg/m3
Sodium (Na)	OSHA ID 121/125G		<0.01	mg/m3
Thallium (Tl)	OSHA ID 121/125G		<0.01	mg/m3
Zinc (Zn)	OSHA ID 121/125G		<0.01	mg/m3

John Pedneault
Lab Director

Reported results are reflective of TOTAL, Metals @ 2L per min/15 min run.

SUPPLEMENTAL II

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NYS ELAP #10224
MWBE #46075

CITY_21MC100_002835488

CALCULATION FOR OSHA ID121/125G-- METALS IN AIR VIA CASSETTE FILTER (37MM MILLIPORE) & MOBILE VACUUM PUMPS

A= Concentration of Analyte in sample solution (µg/ml) or (mg/L)

B=Concentration of Blank in sample solution (µg/ml) or (mg/L)

SSV= Sample Solution Volume ASSV= Analyte concentration x Sample Solution Volume

BSV=Blank Sample Volume BBSV=Blank concentration x Blank Sample Volume

RAB= Reagent Blank Concentration (µg/ml) or (mg/L)

RABSV= Reagent Blank Sample Volume

D= Dilution Factor (NONE)

NO GRAVIMETRIC FACTORS

AV= Air Volume Sampled

AR=Analytical Result

ARR=Analytical Reportable Result in mg/m³ (rounded off to 3-sigma)

$$AR = \frac{(A \times SSV) - (B \times BSV)}{AV}$$

For the Trip Blank Analytical Value:

$$AR = \frac{(B \times BSV) - (RAB \times RABSV)}{AV}$$

A (mg/L)	SSV (mL)	A x SSV = ASSV	B (mg/L)	BSV (mL)	B x BSV = BBSV	ASSV -BBSV = AR	AV Liters	AR/AV	ANALYTE	ARR mg/m ³
0.119	100	11.9	0.223	100	22.3	-10.4	30	-0.3466667	Aluminum- Al	<0.01
0.03	100	3	0.024	100	2.4	0.6	30	0.02	Antimony-Sb	0.02
0.006	100	0.6	0.003	100	0.3	0.3	30	0.01	Arsenic-As	0.01
0.004	100	0.4	0.402	100	40.2	-39.8	30	-1.3266667	Barium-Ba	<0.01
0.001	100	0.1	0.001	100	0.1	0	30	0	Beryllium-Be	<0.01
0	100	0	-0.001	100	-0.1	0.1	30	0.0033333	Cadmium-Cd	<0.01
0.286	100	28.6	0.316	100	31.6	-3	30	-0.1	Calcium-Ca	<0.01
0.003	100	0.3	0.004	100	0.4	-0.1	30	-0.0033333	Chromium-Cr	<0.01
0.002	100	0.2	0.002	100	0.2	0	30	0	Copper-Cu	<0.01
0.041	100	4.1	0.139	100	13.9	-9.8	30	-0.3266667	Iron-Fe	<0.01
-0.005	100	-0.5	-0.004	100	-0.4	-0.1	30	-0.0033333	Lead-Pb	<0.01
0.048	100	4.8	0.061	100	6.1	-1.3	30	-0.0433333	Magnesium-Mg	<0.01
0.023	100	2.3	0.023	100	2.3	0	30	0	Manganese-Mn	<0.01
	100			100			30		Mercury-Hg	<0.01
0.004	100	0.4	0.003	100	0.3	0.1	30	0.0033333	Nickel-Ni	<0.01
0.119	100	11.9	0.583	100	58.3	-46.4	30	-1.5466667	Potassium-K	<0.01
-0.004	100	-0.4	-0.008	100	-0.8	0.4	30	0.0133333	Selenium-Se	0.01
0.001	100	0.1	0.001	100	0.1	0	30	0	Silver-Ag	<0.01
1.764	100	176.4	2.626	100	262.6	-86.2	30	-2.8733333	Sodium-Na	<0.01
-0.004	100	-0.4	0	100	0	-0.4	30	-0.0133333	Thallium-Tl	<0.01
0.014	100	1.4	0.227	100	22.7	-21.3	30	-0.71	Zinc-Zn	<0.01

LAB ID #01110052-006

NYCDEP - BAY STR & VICTORY BLVD. SI

Prepared Exclusively For: NYCDEP-Emergency Response & Tech Assmt. 96-05 Horace Harding Expressway Corona, NY 11368 (718) 595-4650 MR. M. FAWZY, DIRECTOR	PEDNEAULT ASSOCIATES, INC. 1615 NINTH AVENUE, BOX 205, BOHEMIA, N.Y. 11716 LAB NUMBER: 01110052 PROJECT ID : WORLD TRADE CENTER- 5 Boro Sampling
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DATE RECEIVED		RELEASE DATE		REPORT DATE
11/4/01		11/13/01		11/13/01
COLLECT DATE:	SAMPLE ID#:	MATRIX:	SAMPLE ORIGIN:	
11/4/01 9:40 PM	01110052-007	AIR\GAS	JUP/BAY ST & VICTORY BLVD., STATEN ISLAND	
PARAMETER	METHOD		RESULT	UNITS
Aluminum (Al)	OSHA ID 121/125G		<0.01	mg/m3
Antimony (Sb)	OSHA ID 121/125G		<0.01	mg/m3
Arsenic (As)	OSHA ID 121/125G		<0.01	mg/m3
Barium (Ba)	OSHA ID 121/125G		<0.01	mg/m3
Beryllium (Be)	OSHA ID 121/125G		<0.01	mg/m3
Cadmium (Cd)	OSHA ID 121/125G		<0.01	mg/m3
Calcium (Ca)	OSHA ID 121/125G		<0.01	mg/m3
Chromium (Cr)	OSHA ID 121/125G		<0.01	mg/m3
Copper (Cu)	OSHA ID 121/125G		<0.01	mg/m3
Iron (Fe)	OSHA ID 121/125G		<0.01	mg/m3
Lead (Pb)	OSHA ID 121/125G		<0.01	mg/m3
Magnesium (Mg)	OSHA ID 121/125G		<0.01	mg/m3
Manganese (Mn)	OSHA ID 121/125G		<0.01	mg/m3
Mercury (Hg)	OSHA ID 121/245.5		<0.01	mg/m3
Nickel (Ni)	OSHA ID 121/125G		<0.01	mg/m3
Potassium (K)	OSHA ID 121/125G		<0.01	mg/m3
Selenium (Se)	OSHA ID 121/125G		<0.01	mg/m3
Silver (Ag)	OSHA ID 121/125G		<0.01	mg/m3
Sodium (Na)	OSHA ID 121/125G		<0.01	mg/m3
Thallium (Tl)	OSHA ID 121/125G		<0.01	mg/m3
Zinc (Zn)	OSHA ID 121/125G		<0.01	mg/m3

John Pedneault
Lab Director

Reported results are reflective of TOTAL, Metals @ 2L per min/15 min run.

SUPPLEMENTAL II

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NYS ELAP #10224
MWBE #46075

CITY_21MC100_002835490

CALCULATION FOR OSHA ID121/125G-- METALS IN AIR VIA CASSETTE FILTER (37MM MILLIPORE) & MOBILE VACUUM PUMPS

A= Concentration of Analyte in sample solution (mg/ml) or (mg/L)

B=Concentration of Blank in sample solution (mg/ml) or (mg/L)

SSV= Sample Solution Volume ASSV= Analyte concentration x Sample Solution Volume

BSV=Blank Sample Volume BBSV=Blank concentration x Blank Sample Volume

RAB= Reagent Blank Concentration (mg/ml) or (mg/L)

RABSV= Reagent Blank Sample Volume

D= Dilution Factor (NONE)

NO GRAVIMETRIC FACTORS

TB= TRIP/FIELD BLANK

AV= Air Volume Sampled

AR=Analytical Result

IARR=Analytical Reportable Result in mg/m³ (rounded off to 3-sigma)

$$AR = \frac{(A \times SSV) - (B \times BSV)}{AV}$$

For the Trip Blank Analytical Value:

$$AR = \frac{(B \times BSV) - (RAB \times RABSV)}{AV}$$

A (mg/L)	SSV (mL)	A x SSV = ASSV	B (mg/L)	BSV (mL)	B x BSV = BBSV	ASSV -BBSV = AR	AV Liters	AR/AV	ANALYTE	ARR mg/m ³
0.025	100	2.5	0.223	100	22.3	-19.8	30	-0.66	Aluminum- Al	<0.01
-0.175	100	-17.5	0.024	100	2.4	-19.9	30	-0.6633333	Antimony-Sb	<0.01
-0.071	100	-7.1	0.003	100	0.3	-7.4	30	-0.2466667	Arsenic-As	<0.01
0.002	100	0.2	0.402	100	40.2	-40	30	-1.3333333	Barium-Ba	<0.01
0	100	0	0.001	100	0.1	-0.1	30	-0.0033333	Beryllium-Be	<0.01
-0.003	100	-0.3	-0.001	100	-0.1	-0.2	30	-0.0066667	Cadmium-Cd	<0.01
0.295	100	29.5	0.316	100	31.6	-2.1	30	-0.07	Calcium-Ca	<0.01
0.005	100	0.5	0.004	100	0.4	0.1	30	0.0033333	Chromium-Cr	<0.01
-0.019	100	-1.9	0.002	100	0.2	-2.1	30	-0.07	Copper-Cu	<0.01
-0.002	100	-0.2	0.139	100	13.9	-14.1	30	-0.47	Iron-Fe	<0.01
-0.011	100	-1.1	-0.004	100	-0.4	-0.7	30	-0.0233333	Lead-Pb	<0.01
0.044	100	4.4	0.061	100	6.1	-1.7	30	-0.0566667	Magnesium-Mg	<0.01
0.002	100	0.2	0.023	100	2.3	-2.1	30	-0.07	Manganese-Mn	<0.01
	100			100			30		Mercury-Hg	<0.01
0.002	100	0.2	0.003	100	0.3	-0.1	30	-0.0033333	Nickel-Ni	<0.01
0.042	100	4.2	0.583	100	58.3	-54.1	30	-1.8033333	Potassium-K	<0.01
-0.093	100	-9.3	-0.008	100	-0.8	-8.5	30	-0.2833333	Selenium-Se	<0.01
-0.001	100	-0.1	0.001	100	0.1	-0.2	30	-0.0066667	Silver-Ag	<0.01
0.914	100	91.4	2.626	100	262.6	-171.2	30	-5.7066667	Sodium-Na	<0.01
0.002	100	0.2	0	100	0	0.2	30	0.0066667	Thallium-Tl	<0.01
0.013	100	1.3	0.227	100	22.7	-21.4	30	-0.7133333	Zinc-Zn	<0.01

LAB ID #01110052-007

NYCDEP - DUPLICATE OF #01110052-006

Prepared Exclusively For: NYCDEP-Emergency Response & Tech Assmt. 96-05 Horace Harding Expressway Corona, NY 11368 (718) 595-4650 MR. M. FAWZY, DIRECTOR	PEDNEAULT ASSOCIATES, INC. 1615 NINTH AVENUE, BOX 205, BOHEMIA, N.Y. 11716 LAB NUMBER: 01110052 PROJECT ID : WORLD TRADE CENTER- 5 Boro Sampling
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DATE RECEIVED		RELEASE DATE		REPORT DATE
11/4/01		11/13/01		11/13/01
COLLECT DATE:	SAMPLE ID#:	MATRIX:	SAMPLE ORIGIN:	
11/4/01 4:00 PM	01110052-008	AIR\GAS	TRIP BLANKS	
PARAMETER	METHOD		RESULT	UNITS
Aluminum (Al)	OSHA ID 121/125G		<0.01	mg/m3
Antimony (Sb)	OSHA ID 121/125G		<0.01	mg/m3
Arsenic (As)	OSHA ID 121/125G		<0.01	mg/m3
Barium (Ba)	OSHA ID 121/125G		<0.01	mg/m3
Beryllium (Be)	OSHA ID 121/125G		<0.01	mg/m3
Cadmium (Cd)	OSHA ID 121/125G		<0.01	mg/m3
Calcium (Ca)	OSHA ID 121/125G		<0.01	mg/m3
Chromium (Cr)	OSHA ID 121/125G		<0.01	mg/m3
Copper (Cu)	OSHA ID 121/125G		<0.01	mg/m3
Iron (Fe)	OSHA ID 121/125G		0.25	mg/m3
Lead (Pb)	OSHA ID 121/125G		<0.01	mg/m3
Magnesium (Mg)	OSHA ID 121/125G		0.07	mg/m3
Manganese (Mn)	OSHA ID 121/125G		<0.01	mg/m3
Mercury (Hg)	OSHA ID 121/245.5		<0.01	mg/m3
Nickel (Ni)	OSHA ID 121/125G		<0.01	mg/m3
Potassium (K)	OSHA ID 121/125G		<0.01	mg/m3
Selenium (Se)	OSHA ID 121/125G		<0.01	mg/m3
Silver (Ag)	OSHA ID 121/125G		<0.01	mg/m3
Sodium (Na)	OSHA ID 121/125G		<0.01	mg/m3
Thallium (Tl)	OSHA ID 121/125G		0.01	mg/m3
Zinc (Zn)	OSHA ID 121/125G		<0.01	mg/m3

John Pedneault
Lab Director

Reported results are reflective of TOTAL, Metals @ 2L per min/15 min run.

SUPPLEMENTAL II

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NYS ELAP #10224
MWBE #46075

CITY_21MC100_002835492

CALCULATION FOR OSHA ID121/125G-- METALS IN AIR VIA CASSETTE FILTER (37MM MILLIPORE) & MOBILE VACUUM PUMPS

A= Concentration of Analyte in sample solution (µg/ml) or (mg/L)

B=Concentration of Blank in sample solution (µg/ml) or (mg/L)

SSV= Sample Solution Volume ASSV= Analyte concentration x Sample Solution Volume

BSV=Blank Sample Volume BBSV=Blank concentration x Blank Sample Volume

RAB= Reagent Blank Concentration (µg/ml) or (mg/L)

RABSV= Reagent Blank Sample Volume

D= Dilution Factor (NONE)

NO GRAVIMETRIC FACTORS

TB= TRIP/FIELD BLANK

AV= Air Volume Sampled

IAR=Analytical Result

IARR=Analytical Reportable Result in mg/m³ (rounded off to 3-sigma)

$$AR = \frac{(A \times SSV) - (B \times BSV)}{AV}$$

For the Trip Blank Analytical Value:

$$AR = \frac{(B \times BSV) - (RAB \times RABSV)}{AV}$$

TB (mg/L)	BSV (mL)	TB x TBSV = BBSV	RAB (mg/L)	RABSV (mL)	RAB x RABSV = RABBSV	TB-RAB = AR	AV Liters	AR/AV	ANALYTE	ARR mg/m ³
0.223	100	22.3	0.342	100	34.2	-11.9	30	-0.3966667	Aluminum-Al	<0.01
0.024	100	2.4	0.056	100	5.6	-3.2	30	-0.1066667	Antimony-Sb	<0.01
0.003	100	0.3	0.01	100	1	-0.7	30	-0.0233333	Arsenic-As	<0.01
0.402	100	40.2	0.55	100	55	-14.8	30	-0.4933333	Barium-Ba	<0.01
0.001	100	0.1	0.001	100	0.1	0	30	0	Beryllium-Be	<0.01
-0.001	100	-0.1	0	100	0	-0.1	30	-0.0033333	Cadmium-Cd	<0.01
0.316	100	31.6	0.316	100	31.6	0	30	0	Calcium-Ca	<0.01
0.004	100	0.4	0.002	100	0.2	0.2	30	0.0066667	Chromium-Cr	<0.01
0.002	100	0.2	0.002	100	0.2	0	30	0	Copper-Cu	<0.01
0.139	100	13.9	0.063	100	6.3	7.6	30	0.2533333	Iron-Fe	0.25
-0.004	100	-0.4	-0.005	100	-0.5	0.1	30	0.0033333	Lead-Pb	<0.01
0.061	100	6.1	0.04	100	4	2.1	30	0.07	Magnesium-Mg	0.07
0.023	100	2.3	0.023	100	2.3	0	30	0	Manganese-Mn	<0.01
	100			100			30		Mercury-Hg	<0.01
0.003	100	0.3	0.003	100	0.3	0	30	0	Nickel-Ni	<0.01
0.583	100	58.3	0.744	100	74.4	-16.1	30	-0.5366667	Potassium-K	<0.01
-0.008	100	-0.8	0.017	100	1.7	-2.5	30	-0.0833333	Selenium-Se	<0.01
0.001	100	0.1	0.001	100	0.1	0	30	0	Silver-Ag	<0.01
2.626	100	262.6	3.208	100	320.8	-58.2	30	-1.94	Sodium-Na	<0.01
0	100	0	-0.004	100	-0.4	0.4	30	0.0133333	Thallium-Tl	0.01
0.227	100	22.7	0.3	100	30	-7.3	30	-0.2433333	Zinc-Zn	<0.24

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