

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: 01100235

PROJECT ID : WORLD TRADE CENTER-5 Bourough Sampling

DATE RECEIVED		RELEASE DATE		REPORT DATE
10/10/01		10/12/01		10/12/01
COLLECT DATE:	SAMPLE ID#:	MATRIX:	SAMPLE ORIGIN:	
10/10/01 6:15 PM	01100235-001	AIR\GAS	BROADWAY AVE & 31st ST. , QUEENS	
PARAMETER	METHOD		RESULT	UNITS
Aluminum (Al)	OSHA ID 121/125G		0.06	mg/m3
Antimony (Sb)	OSHA ID 121/125G		0.54	mg/m3
Arsenic (As)	OSHA ID 121/125G		0.26	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		0.08	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		0.34	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.

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 NYS ELAP #10224
 MWBE #46075

SUPPLEMENTAL II

CITY_21MC100_002835062

PEDNEAULT ASSOCIATES, INC.
631-467-8477

NYCDEP - WTC
5-BORO SAMPLING
METALS IN AIR

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

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:

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

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
0.128	100	12.8	0.109	100	10.9	1.9	30	0.0633333	Aluminum- Al	0.06
0.197	100	19.7	0.035	100	3.5	16.2	30	0.54	Antimony-Sb	0.54
0.071	100	7.1	-0.007	100	-0.7	7.8	30	0.26	Arsenic-As	0.26
0.003	100	0.3	0.002	100	0.2	0.1	30	0.0033333	Barium-Ba	<0.01
0.001	100	0.1	0	100	0	0.1	30	0.0033333	Beryllium-Be	<0.01
0.002	100	0.2	-0.001	100	-0.1	0.3	30	0.01	Cadmium-Cd	0.01
0.427	100	42.7	0.548	100	54.8	-12.1	30	-0.4033333	Calcium-Ca	<0.01
0.008	100	0.8	0.007	100	0.7	0.1	30	0.0033333	Chromium-Cr	<0.01
0.031	100	3.1	0.049	100	4.9	-1.8	30	-0.06	Copper-Cu	<0.01
0.208	100	20.8	0.419	100	41.9	-21.1	30	-0.7033333	Iron-Fe	<0.01
0.019	100	1.9	-0.005	100	-0.5	2.4	30	0.08	Lead-Pb	0.08
0.067	100	6.7	0.105	100	10.5	-3.8	30	-0.1266667	Magnesium-Mg	<0.01
0.017	100	1.7	0.029	100	2.9	-1.2	30	-0.04	Manganese-Mn	<0.01
	100			100			30		Mercury-Hg	<0.01
0.002	100	0.2	0.001	100	0.1	0.1	30	0.0033333	Nickel-Ni	<0.01
0.315	100	31.5	0.369	100	36.9	-5.4	30	-0.18	Potassium-K	<0.01
0.107	100	10.7	0.004	100	0.4	10.3	30	0.3433333	Selenium-Se	0.34
0.001	100	0.1	-0.001	100	-0.1	0.2	30	0.0066667	Silver-Ag	<0.01
2.412	100	241.2	3.605	100	360.5	-119.3	30	-3.9766667	Sodium-Na	<0.01
-0.001	100	-0.1	-0.007	100	-0.7	0.6	30	0.02	Thallium-Tl	0.02
0.022	100	2.2	0.018	100	1.8	0.4	30	0.0133333	Zinc-Zn	<0.01

LAB ID #01100235-001

NYCDEP - BROADWAY & 31ST QUEENS

c:/JEM FILES/NYCDEP-HAZMAT/m01100235.xls

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: 01100235 PROJECT ID : WORLD TRADE CENTER-5 Bourough Sampling
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DATE RECEIVED		RELEASE DATE	REPORT DATE	
10/10/01		10/12/01	10/12/01	
COLLECT DATE:	SAMPLE ID#:	MATRIX:	SAMPLE ORIGIN:	
10/10/01 6:50 PM	01100235-002	AIR/GAS	138th St. & 3rd AVENUE, BRONX	
PARAMETER	METHOD		RESULT	UNITS
Aluminum (Al)	OSHA ID 121/125G		0.07	mg/m3
Antimony (Sb)	OSHA ID 121/125G		0.33	mg/m3
Arsenic (As)	OSHA ID 121/125G		0.13	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		0.36	mg/m3
Chromium (Cr)	OSHA ID 121/125G		0.02	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		0.02	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		0.03	mg/m3
Potassium (K)	OSHA ID 121/125G		<0.01	mg/m3
Selenium (Se)	OSHA ID 121/125G		0.16	mg/m3
Silver (Ag)	OSHA ID 121/125G		<0.01	mg/m3
Sodium (Na)	OSHA ID 121/125G		1.63	mg/m3
Thallium (Tl)	OSHA ID 121/125G		0.04	mg/m3
Zinc (Zn)	OSHA ID 121/125G		0.02	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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MWBE #46075

CITY_21MC100_002835064

PEDNEAULT ASSOCIATES, INC.
631-467-8477

NYCDEP - WTC
5-BORO SAMPLING
METALS IN AIR

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
0.132	100	13.2	0.109	100	10.9	2.3	30	0.0766667	Aluminum-Al	0.07
0.134	100	13.4	0.035	100	3.5	9.9	30	0.33	Antimony-Sb	0.33
0.033	100	3.3	-0.007	100	-0.7	4	30	0.1333333	Arsenic-As	0.13
0.003	100	0.3	0.002	100	0.2	0.1	30	0.0033333	Barium-Ba	<0.01
0	100	0	0	100	0	0	30	0	Beryllium-Be	<0.01
0	100	0	-0.001	100	-0.1	0.1	30	0.0033333	Cadmium-Cd	<0.01
0.657	100	65.7	0.548	100	54.8	10.9	30	0.3633333	Calcium-Ca	0.36
0.012	100	1.2	0.007	100	0.7	0.5	30	0.0166667	Chromium-Cr	0.02
0.04	100	4	0.049	100	4.9	-0.9	30	-0.03	Copper-Cu	<0.01
0.306	100	30.6	0.419	100	41.9	-11.3	30	-0.3766667	Iron-Fe	<0.01
0.002	100	0.2	-0.005	100	-0.5	0.7	30	0.0233333	Lead-Pb	0.02
0.099	100	9.9	0.105	100	10.5	-0.6	30	-0.02	Magnesium-Mg	<0.01
0.006	100	0.6	0.029	100	2.9	-2.3	30	-0.0766667	Manganese-Mn	<0.01
	100			100			30		Mercury-Hg	<0.01
0.009	100	0.9	0.001	100	0.1	0.8	30	0.0266667	Nickel-Ni	0.03
0.31	100	31	0.369	100	36.9	-5.9	30	-0.1966667	Potassium-K	<0.01
0.051	100	5.1	0.004	100	0.4	4.7	30	0.1566667	Selenium-Se	0.16
-0.002	100	-0.2	-0.001	100	-0.1	-0.1	30	-0.0033333	Silver-Ag	<0.01
4.093	100	409.3	3.605	100	360.5	48.8	30	1.6266667	Sodium-Na	1.63
0.004	100	0.4	-0.007	100	-0.7	1.1	30	0.0366667	Thallium-Tl	0.04
0.023	100	2.3	0.018	100	1.8	0.5	30	0.0166667	Zinc-Zn	0.02

LAB ID #01100235-002

NYCDEP - 138TH & 3RD AVENUE BRONX

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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: 01100235 PROJECT ID : WORLD TRADE CENTER-5 Bourough Sampling
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DATE RECEIVED		RELEASE DATE		REPORT DATE
10/10/01		10/12/01		10/12/01
COLLECT DATE:	SAMPLE ID#:	MATRIX:	SAMPLE ORIGIN:	
10/10/01 7:20 PM	01100235-003	AIR/GAS	CENTRAL PARK N. & LENOX, MANHATTAN	
PARAMETER	METHOD		RESULT	UNITS
Aluminum (Al)	OSHA ID 121/125G		0.03	mg/m3
Antimony (Sb)	OSHA ID 121/125G		0.16	mg/m3
Arsenic (As)	OSHA ID 121/125G		0.17	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		0.02	mg/m3
Iron (Fe)	OSHA ID 121/125G		7.53	mg/m3
Lead (Pb)	OSHA ID 121/125G		0.03	mg/m3
Magnesium (Mg)	OSHA ID 121/125G		<0.01	mg/m3
Manganese (Mn)	OSHA ID 121/125G		0.03	mg/m3
Mercury (Hg)	OSHA ID 121/245.5		<0.01	mg/m3
Nickel (Ni)	OSHA ID 121/125G		0.02	mg/m3
Potassium (K)	OSHA ID 121/125G		<0.01	mg/m3
Selenium (Se)	OSHA ID 121/125G		0.26	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		0.02	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_002835066

PEDNEAULT ASSOCIATES, INC.
631-467-8477

NYCDEP - WTC
5-BORO SAMPLING
METALS IN AIR

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
0.118	100	11.8	0.109	100	10.9	0.9	30	0.03	Aluminum-Al	0.03
0.084	100	8.4	0.035	100	3.5	4.9	30	0.1633333	Antimony-Sb	0.16
0.043	100	4.3	-0.007	100	-0.7	5	30	0.1666667	Arsenic-As	0.17
0.003	100	0.3	0.002	100	0.2	0.1	30	0.0033333	Barium-Ba	<0.01
0	100	0	0	100	0	0	30	0	Beryllium-Be	<0.01
0	100	0	-0.001	100	-0.1	0.1	30	0.0033333	Cadmium-Cd	<0.01
0.504	100	50.4	0.548	100	54.8	-4.4	30	-0.1466667	Calcium-Ca	<0.01
0.006	100	0.6	0.007	100	0.7	-0.1	30	-0.0033333	Chromium-Cr	<0.01
0.056	100	5.6	0.049	100	4.9	0.7	30	0.0233333	Copper-Cu	0.02
2.679	100	267.9	0.419	100	41.9	226	30	7.5333333	Iron-Fe	7.53
0.003	100	0.3	-0.005	100	-0.5	0.8	30	0.0266667	Lead-Pb	0.03
0.087	100	8.7	0.105	100	10.5	-1.8	30	-0.06	Magnesium-Mg	<0.01
0.037	100	3.7	0.029	100	2.9	0.8	30	0.0266667	Manganese-Mn	0.03
	100			100			30		Mercury-Hg	<0.01
0.008	100	0.8	0.001	100	0.1	0.7	30	0.0233333	Nickel-Ni	0.02
0.293	100	29.3	0.369	100	36.9	-7.6	30	-0.2533333	Potassium-K	<0.01
0.081	100	8.1	0.004	100	0.4	7.7	30	0.2566667	Selenium-Se	0.26
-0.001	100	-0.1	-0.001	100	-0.1	0	30	0	Silver-Ag	<0.01
3.571	100	357.1	3.605	100	360.5	-3.4	30	-0.1133333	Sodium-Na	<0.01
-0.001	100	-0.1	-0.007	100	-0.7	0.6	30	0.02	Thallium-Tl	0.02
0.023	100	2.3	0.018	100	1.8	0.5	30	0.0166667	Zinc-Zn	0.02

LAB ID #0110235-003

NYCDEP - CENTRAL PK NO & LENOX-NYC

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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: 01100235

PROJECT ID : WORLD TRADE CENTER-5 Bourough Sampling

DATE RECEIVED		RELEASE DATE		REPORT DATE
10/10/01		10/12/01		10/12/01
COLLECT DATE:	SAMPLE ID#:	MATRIX:	SAMPLE ORIGIN:	
10/10/01 8:25 PM	01100235-004	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		0.14	mg/m3
Arsenic (As)	OSHA ID 121/125G		0.09	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		0.12	mg/m3
Silver (Ag)	OSHA ID 121/125G		<0.01	mg/m3
Sodium (Na)	OSHA ID 121/125G		0.50	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_002835068

PEDNEAULT ASSOCIATES, INC.
631-467-8477

NYCDEP - WTC
5-BORO SAMPLING
METALS IN AIR

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
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
0.082	100	8.2	0.109	100	10.9	-2.7	30	-0.09	Aluminum-Al	<0.01
0.077	100	7.7	0.035	100	3.5	4.2	30	0.14	Antimony-Sb	0.14
0.02	100	2	-0.007	100	-0.7	2.7	30	0.09	Arsenic-As	0.09
0.002	100	0.2	0.002	100	0.2	0	30	0	Barium-Ba	<0.01
0	100	0	0	100	0	0	30	0	Beryllium-Be	<0.01
0	100	0	-0.001	100	-0.1	0.1	30	0.0033333	Cadmium-Cd	<0.01
0.517	100	51.7	0.548	100	54.8	-3.1	30	-0.1033333	Calcium-Ca	<0.01
0.007	100	0.7	0.007	100	0.7	0	30	0	Chromium-Cr	<0.01
0.047	100	4.7	0.049	100	4.9	-0.2	30	-0.0066667	Copper-Cu	<0.01
0.156	100	15.6	0.419	100	41.9	-26.3	30	-0.8766667	Iron-Fe	<0.01
-0.002	100	-0.2	-0.005	100	-0.5	0.3	30	0.01	Lead-Pb	0.01
0.081	100	8.1	0.105	100	10.5	-2.4	30	-0.08	Magnesium-Mg	<0.01
0.004	100	0.4	0.029	100	2.9	-2.5	30	-0.0833333	Manganese-Mn	<0.01
	100			100			30		Mercury-Hg	<0.01
0.003	100	0.3	0.001	100	0.1	0.2	30	0.0066667	Nickel-Ni	<0.01
0.266	100	26.6	0.369	100	36.9	-10.3	30	-0.3433333	Potassium-K	<0.01
0.04	100	4	0.004	100	0.4	3.6	30	0.12	Selenium-Se	0.12
-0.001	100	-0.1	-0.001	100	-0.1	0	30	0	Silver-Ag	<0.01
3.755	100	375.5	3.605	100	360.5	15	30	0.5	Sodium-Na	0.5
-0.006	100	-0.6	-0.007	100	-0.7	0.1	30	0.0033333	Thallium-Tl	<0.01
0.02	100	2	0.018	100	1.8	0.2	30	0.0066667	Zinc-Zn	<0.01

LAB ID #01100235-004

NYCDEP - BERRY & NORTH BROOKLYN

c:/JEM FILES/NYCDEP-HAZMAT/m01100235.xls

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: 01100235**PROJECT ID : WORLD TRADE CENTER-5 Bourough Sampling**

DATE RECEIVED		RELEASE DATE		REPORT DATE
10/10/01		10/12/01		10/12/01
COLLECT DATE:	SAMPLE ID#:	MATRIX:	SAMPLE ORIGIN:	
10/10/01 8:50 PM	01100235-005	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		0.03	mg/m3
Arsenic (As)	OSHA ID 121/125G		0.05	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		0.14	mg/m3
Chromium (Cr)	OSHA ID 121/125G		<0.01	mg/m3
Copper (Cu)	OSHA ID 121/125G		0.02	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		0.02	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_002835070

PEDNEAULT ASSOCIATES, INC.
631-467-8477

NYCDEP - WTC
5-BORO SAMPLING
METALS IN AIR

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
0.079	100	7.9	0.109	100	10.9	-3	30	-0.1	Aluminum-Al	<0.01
0.045	100	4.5	0.035	100	3.5	1	30	0.0333333	Antimony-Sb	0.03
0.008	100	0.8	-0.007	100	-0.7	1.5	30	0.05	Arsenic-As	0.05
0.002	100	0.2	0.002	100	0.2	0	30	0	Barium-Ba	<0.01
0	100	0	0	100	0	0	30	0	Beryllium-Be	<0.01
0	100	0	-0.001	100	-0.1	0.1	30	0.0033333	Cadmium-Cd	<0.01
0.589	100	58.9	0.548	100	54.8	4.1	30	0.1366667	Calcium-Ca	0.14
0.007	100	0.7	0.007	100	0.7	0	30	0	Chromium-Cr	<0.01
0.055	100	5.5	0.049	100	4.9	0.6	30	0.02	Copper-Cu	0.02
0.187	100	18.7	0.419	100	41.9	-23.2	30	-0.7733333	Iron-Fe	<0.01
-0.001	100	-0.1	-0.005	100	-0.5	0.4	30	0.0133333	Lead-Pb	0.01
0.088	100	8.8	0.105	100	10.5	-1.7	30	-0.0566667	Magnesium-Mg	<0.01
0.026	100	2.6	0.029	100	2.9	-0.3	30	-0.01	Manganese-Mn	<0.01
	100			100			30		Mercury-Hg	<0.01
0.003	100	0.3	0.001	100	0.1	0.2	30	0.0066667	Nickel-Ni	<0.01
0.278	100	27.8	0.369	100	36.9	-9.1	30	-0.3033333	Potassium-K	<0.01
0.023	100	2.3	0.004	100	0.4	1.9	30	0.0633333	Selenium-Se	0.06
-0.002	100	-0.2	-0.001	100	-0.1	-0.1	30	-0.0033333	Silver-Ag	<0.01
3.48	100	348	3.605	100	360.5	-12.5	30	-0.4166667	Sodium-Na	<0.01
-0.007	100	-0.7	-0.007	100	-0.7	0	30	0	Thallium-Tl	<0.01
0.025	100	2.5	0.018	100	1.8	0.7	30	0.0233333	Zinc-Zn	0.02

LAB ID #01100235-005

NYCDEP -ATLANTIC AV & SMITH STR. BROOKLYN

c:\IEM FILES\NYCDEP-HA7MAT\m01100235.xls

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: 01100235
PROJECT ID : WORLD TRADE CENTER-5 Bourough Sampling

DATE RECEIVED		RELEASE DATE		REPORT DATE
10/10/01		10/12/01		10/12/01
COLLECT DATE:	SAMPLE ID#:	MATRIX:	SAMPLE ORIGIN:	
10/10/01 9:45 PM	01100235-006	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		0.04	mg/m3
Arsenic (As)	OSHA ID 121/125G		0.03	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		0.04	mg/m3
Silver (Ag)	OSHA ID 121/125G		<0.01	mg/m3
Sodium (Na)	OSHA ID 121/125G		0.63	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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 NYS ELAP #10224
 MWBE #46075

SUPPLEMENTAL II

CITY_21MC100_002835072

PEDNEAULT ASSOCIATES, INC.
631-467-8477

NYCDEP - WTC
5-BORO SAMPLING
METALS IN AIR

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
0.104	100	10.4	0.109	100	10.9	-0.5	30	-0.0166667	Aluminum-Al	<0.01
0.048	100	4.8	0.035	100	3.5	1.3	30	0.0433333	Antimony-Sb	0.04
0.003	100	0.3	-0.007	100	-0.7	1	30	0.0333333	Arsenic-As	0.03
0.003	100	0.3	0.002	100	0.2	0.1	30	0.0033333	Barium-Ba	<0.01
0	100	0	0	100	0	0	30	0	Beryllium-Be	<0.01
-0.001	100	-0.1	-0.001	100	-0.1	0	30	0	Cadmium-Cd	<0.01
0.535	100	53.5	0.548	100	54.8	-1.3	30	-0.0433333	Calcium-Ca	<0.01
0.006	100	0.6	0.007	100	0.7	-0.1	30	-0.0033333	Chromium-Cr	<0.01
0.043	100	4.3	0.049	100	4.9	-0.6	30	-0.02	Copper-Cu	<0.01
0.139	100	13.9	0.419	100	41.9	-28	30	-0.9333333	Iron-Fe	<0.01
-0.005	100	-0.5	-0.005	100	-0.5	0	30	0	Lead-Pb	<0.01
0.094	100	9.4	0.105	100	10.5	-1.1	30	-0.0366667	Magnesium-Mg	<0.01
0.004	100	0.4	0.029	100	2.9	-2.5	30	-0.0833333	Manganese-Mn	<0.01
	100			100			30		Mercury-Hg	<0.01
0.001	100	0.1	0.001	100	0.1	0	30	0	Nickel-Ni	<0.01
0.294	100	29.4	0.369	100	36.9	-7.5	30	-0.25	Potassium-K	<0.01
0.016	100	1.6	0.004	100	0.4	1.2	30	0.04	Selenium-Se	0.04
-0.002	100	-0.2	-0.001	100	-0.1	-0.1	30	-0.0033333	Silver-Ag	<0.01
3.795	100	379.5	3.605	100	360.5	19	30	0.6333333	Sodium-Na	0.63
-0.005	100	-0.5	-0.007	100	-0.7	0.2	30	0.0066667	Thallium-Tl	<0.01
0.018	100	1.8	0.018	100	1.8	0	30	0	Zinc-Zn	<0.01

LAB ID #01100235-006

NYCDEP - BAY STR & VICTORY BLVD. SI

c:/JEM FILES/NYCDEP-HAZMAT/m01100235.xls

<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: 01100235</p> <p>PROJECT ID : WORLD TRADE CENTER-5 Bourough Sampling</p>
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DATE RECEIVED		RELEASE DATE		REPORT DATE
10/10/01		10/12/01		10/12/01
COLLECT DATE:	SAMPLE ID#:	MATRIX:	SAMPLE ORIGIN:	
10/10/01 4:00 PM	01100235-007	AIR/GAS	TRIP BLANKS	
PARAMETER	METHOD		RESULT	UNITS
Aluminum (Al)	OSHA ID 121/125G		0.03	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		0.02	mg/m3
Copper (Cu)	OSHA ID 121/125G		0.05	mg/m3
Iron (Fe)	OSHA ID 121/125G		0.93	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		0.09	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		0.35	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.

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NYS ELAP #10224
MWBE #46075

SUPPLEMENTAL II

CITY_21MC100_002835074

PEDNEAULT ASSOCIATES, INC.
631-467-8477

NYCDEP - WTC
5-BORO SAMPLING
METALS IN AIR

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
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:

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

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
0.109	100	10.9	0.099	100	9.9	1	30	0.0333333	Aluminum- Al	0.03
0.035	100	3.5	0.163	100	16.3	-12.8	30	-0.4266667	Antimony-Sb	<0.01
-0.007	100	-0.7	0.048	100	4.8	-5.5	30	-0.1833333	Arsenic-As	<0.01
0.002	100	0.2	0.003	100	0.3	-0.1	30	-0.0033333	Barium-Ba	<0.01
0	100	0	0.001	100	0.1	-0.1	30	-0.0033333	Beryllium-Be	<0.01
-0.001	100	-0.1	0.001	100	0.1	-0.2	30	-0.0066667	Cadmium-Cd	<0.01
0.548	100	54.8	0.643	100	64.3	-9.5	30	-0.3166667	Calcium-Ca	<0.01
0.007	100	0.7	0.002	100	0.2	0.5	30	0.0166667	Chromium-Cr	0.02
0.049	100	4.9	0.034	100	3.4	1.5	30	0.05	Copper-Cu	0.05
0.419	100	41.9	0.141	100	14.1	27.8	30	0.9266667	Iron-Fe	0.93
-0.005	100	-0.5	0.005	100	0.5	-1	30	-0.0333333	Lead-Pb	<0.01
0.105	100	10.5	0.102	100	10.2	0.3	30	0.01	Magnesium-Mg	0.01
0.029	100	2.9	0.003	100	0.3	2.6	30	0.0866667	Manganese-Mn	0.09
	100			100			30		Mercury-Hg	<0.01
0.001	100	0.1	0	100	0	0.1	30	0.0033333	Nickel-Ni	<0.01
0.369	100	36.9	0.265	100	26.5	10.4	30	0.3466667	Potassium-K	0.35
0.004	100	0.4	0.067	100	6.7	-6.3	30	-0.21	Selenium-Se	<0.01
-0.001	100	-0.1	-0.002	100	-0.2	0.1	30	0.0033333	Silver-Ag	<0.01
3.605	100	360.5	3.683	100	368.3	-7.8	30	-0.26	Sodium-Na	<0.01
-0.007	100	-0.7	-0.01	100	-1	0.3	30	0.01	Thallium-Tl	0.01
0.018	100	1.8	0.02	100	2	-0.2	30	-0.0066667	Zinc-Zn	<0.01

LAB ID #01100235-007

NYCDEP - TRIP/FIELD BLANK

c:/JEM FILES/NYCDEP-HAZMAT/m01100235.xls

CITY_21MC100_002835075

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: 01100235 PROJECT ID : WORLD TRADE CENTER-5 Bourough Sampling
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DATE RECEIVED		RELEASE DATE		REPORT DATE
10/10/01		10/12/01		10/12/01
COLLECT DATE:	SAMPLE ID#:	MATRIX:	SAMPLE ORIGIN:	
10/10/01 8:50 PM	01100235-008	AIR\GAS	DUP/-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		<0.01	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		0.05	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_002835076

PEDNEAULT ASSOCIATES, INC.
631-467-8477

NYCDEP - WTC
5-BORO SAMPLING
METALS IN AIR

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

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
0.077	100	7.7	0.109	100	10.9	-3.2	30	-0.1066667	Aluminum-Al	<0.01
0.032	100	3.2	0.035	100	3.5	-0.3	30	-0.01	Antimony-Sb	<0.01
-0.007	100	-0.7	-0.007	100	-0.7	0	30	0	Arsenic-As	<0.01
0.001	100	0.1	0.002	100	0.2	-0.1	30	-0.0033333	Barium-Ba	<0.01
0	100	0	0	100	0	0	30	0	Beryllium-Be	<0.01
-0.001	100	-0.1	-0.001	100	-0.1	0	30	0	Cadmium-Cd	<0.01
0.448	100	44.8	0.548	100	54.8	-10	30	-0.3333333	Calcium-Ca	<0.01
0.009	100	0.9	0.007	100	0.7	0.2	30	0.0066667	Chromium-Cr	<0.01
0.039	100	3.9	0.049	100	4.9	-1	30	-0.0333333	Copper-Cu	<0.01
0.147	100	14.7	0.419	100	41.9	-27.2	30	-0.9066667	Iron-Fe	<0.01
-0.006	100	-0.6	-0.005	100	-0.5	-0.1	30	-0.0033333	Lead-Pb	<0.01
0.077	100	7.7	0.105	100	10.5	-2.8	30	-0.0933333	Magnesium-Mg	<0.01
0.004	100	0.4	0.029	100	2.9	-2.5	30	-0.0833333	Manganese-Mn	<0.01
	100			100			30		Mercury-Hg	<0.01
0.001	100	0.1	0.001	100	0.1	0	30	0	Nickel-Ni	<0.01
0.253	100	25.3	0.369	100	36.9	-11.6	30	-0.3866667	Potassium-K	<0.01
0.018	100	1.8	0.004	100	0.4	1.4	30	0.0466667	Selenium-Se	0.05
-0.002	100	-0.2	-0.001	100	-0.1	-0.1	30	-0.0033333	Silver-Ag	<0.01
2.784	100	278.4	3.605	100	360.5	-82.1	30	-2.7366667	Sodium-Na	<0.01
-0.004	100	-0.4	-0.007	100	-0.7	0.3	30	0.01	Thallium-Tl	0.01
0.017	100	1.7	0.018	100	1.8	-0.1	30	-0.0033333	Zinc-Zn	<0.01

LAB ID #01100235-008

NYCDEP - DUPLICATE OF #01100235-005

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