

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: 01100273 PROJECT ID : WORLD TRADE CENTER-5 Boro Sampling
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DATE RECEIVED		RELEASE DATE		REPORT DATE
10/12/01		10/15/01		10/15/01
COLLECT DATE:	SAMPLE ID#:	MATRIX:	SAMPLE ORIGIN:	
10/12/01 6:00 PM	01100273-001	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		0.63	mg/m3
Arsenic (As)	OSHA ID 121/125G		0.25	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		0.37	mg/m3
Chromium (Cr)	OSHA ID 121/125G		0.04	mg/m3
Copper (Cu)	OSHA ID 121/125G		0.04	mg/m3
Iron (Fe)	OSHA ID 121/125G		<0.01	mg/m3
Lead (Pb)	OSHA ID 121/125G		0.06	mg/m3
Magnesium (Mg)	OSHA ID 121/125G		0.03	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		3.82	mg/m3
Selenium (Se)	OSHA ID 121/125G		0.29	mg/m3
Silver (Ag)	OSHA ID 121/125G		<0.01	mg/m3
Sodium (Na)	OSHA ID 121/125G		4.83	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

Page 81 of 240
NYS ELAP #10224
MWBE #46075

CITY_21MC100_002851453

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
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
0.082	100	8.2	0.064	100	6.4	1.8	30	0.06	Aluminum-Al	0.06
0.213	100	21.3	0.023	100	2.3	19	30	0.6333333	Antimony-Sb	0.63
0.066	100	6.6	-0.008	100	-0.8	7.4	30	0.2466667	Arsenic-As	0.25
0.002	100	0.2	0.002	100	0.2	0	30	0	Barium-Ba	<0.01
-0.005	100	-0.5	-0.009	100	-0.9	0.4	30	0.0133333	Beryllium-Be	0.01
-0.018	100	-1.8	-0.021	100	-2.1	0.3	30	0.01	Cadmium-Cd	0.01
0.514	100	51.4	0.402	100	40.2	11.2	30	0.3733333	Calcium-Ca	0.37
0.026	100	2.6	0.013	100	1.3	1.3	30	0.0433333	Chromium-Cr	0.04
-0.044	100	-4.4	-0.056	100	-5.6	1.2	30	0.04	Copper-Cu	0.04
0.128	100	12.8	2.491	100	249.1	-236.3	30	-7.8766667	Iron-Fe	<0.01
0.01	100	1	-0.009	100	-0.9	1.9	30	0.0633333	Lead-Pb	0.06
0.078	100	7.8	0.068	100	6.8	1	30	0.0333333	Magnesium-Mg	0.03
0.026	100	2.6	0.037	100	3.7	-1.1	30	-0.0366667	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
1.842	100	184.2	0.695	100	69.5	114.7	30	3.8233333	Potassium-K	3.82
0.087	100	8.7	0.001	100	0.1	8.6	30	0.2866667	Selenium-Se	0.29
-0.089	100	-8.9	-0.09	100	-9	0.1	30	0.0033333	Silver-Ag	<0.01
3.266	100	326.6	1.817	100	181.7	144.9	30	4.83	Sodium-Na	4.83
-0.004	100	-0.4	-0.011	100	-1.1	0.7	30	0.0233333	Thallium-Tl	0.02
0.012	100	1.2	0.018	100	1.8	-0.6	30	-0.02	Zinc-Zn	<0.01

LAB ID #01100273-001

NYCDEP - BROADWAY & 31ST QUEENS

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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: 01100273

PROJECT ID : WORLD TRADE CENTER-5 Boro Sampling

DATE RECEIVED		RELEASE DATE		REPORT DATE
10/12/01		10/15/01		10/15/01
COLLECT DATE:	SAMPLE ID#:	MATRIX:	SAMPLE ORIGIN:	
10/12/01 6:45 PM	01100273-002	AIR\GAS	138th St. & 3rd AVENUE, BRONX	
PARAMETER	METHOD		RESULT	UNITS
Aluminum (Al)	OSHA ID 121/125G		0.05	mg/m3
Antimony (Sb)	OSHA ID 121/125G		0.22	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		0.15	mg/m3
Chromium (Cr)	OSHA ID 121/125G		0.02	mg/m3
Copper (Cu)	OSHA ID 121/125G		0.04	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		1.60	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		1.77	mg/m3
Thallium (Tl)	OSHA ID 121/125G		0.03	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_002851455

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	IARR mg/m ³
0.079	100	7.9	0.064	100	6.4	1.5	30	0.05	Aluminum-Al	0.05
0.089	100	8.9	0.023	100	2.3	6.6	30	0.22	Antimony-Sb	0.22
0.014	100	1.4	-0.008	100	-0.8	2.2	30	0.0733333	Arsenic-As	0.07
0.003	100	0.3	0.002	100	0.2	0.1	30	0.0033333	Barium-Ba	<0.01
-0.008	100	-0.8	-0.009	100	-0.9	0.1	30	0.0033333	Beryllium-Be	<0.01
-0.02	100	-2	-0.021	100	-2.1	0.1	30	0.0033333	Cadmium-Cd	<0.01
0.447	100	44.7	0.402	100	40.2	4.5	30	0.15	Calcium-Ca	0.15
0.018	100	1.8	0.013	100	1.3	0.5	30	0.0166667	Chromium-Cr	0.02
-0.043	100	-4.3	-0.056	100	-5.6	1.3	30	0.0433333	Copper-Cu	0.04
0.022	100	2.2	2.491	100	249.1	-246.9	30	-8.23	Iron-Fe	<0.01
-0.01	100	-1	-0.009	100	-0.9	-0.1	30	-0.0033333	Lead-Pb	<0.01
0.065	100	6.5	0.068	100	6.8	-0.3	30	-0.01	Magnesium-Mg	<0.01
0.03	100	3	0.037	100	3.7	-0.7	30	-0.0233333	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
1.174	100	117.4	0.695	100	69.5	47.9	30	1.5966667	Potassium-K	1.6
0.038	100	3.8	0.001	100	0.1	3.7	30	0.1233333	Selenium-Se	0.12
-0.09	100	-9	-0.09	100	-9	0	30	0	Silver-Ag	<0.01
2.348	100	234.8	1.817	100	181.7	53.1	30	1.77	Sodium-Na	1.77
-0.003	100	-0.3	-0.011	100	-1.1	0.8	30	0.0266667	Thallium-Tl	0.03
0.011	100	1.1	0.018	100	1.8	-0.7	30	-0.0233333	Zinc-Zn	<0.01

LAB ID #01100273-002

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

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MR. M. FAWZY, DIRECTOR

PEDNEAULT ASSOCIATES, INC.

1615 NINTH AVENUE, BOX 205, BOHEMIA, N.Y. 11716

LAB NUMBER: 01100273

PROJECT ID : WORLD TRADE CENTER-5 Boro Sampling

DATE RECEIVED		RELEASE DATE		REPORT DATE
10/12/01		10/15/01		10/15/01
COLLECT DATE:	SAMPLE ID#:	MATRIX:	SAMPLE ORIGIN:	
10/12/01 7:20 PM	01100273-003	AIR\GAS	CENTAL PARK N. & LENOX, MANHATTAN	
PARAMETER	METHOD		RESULT	UNITS
Aluminum (Al)	OSHA ID 121/125G		0.06	mg/m3
Antimony (Sb)	OSHA ID 121/125G		0.18	mg/m3
Arsenic (As)	OSHA ID 121/125G		0.10	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		0.10	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		0.98	mg/m3
Selenium (Se)	OSHA ID 121/125G		0.17	mg/m3
Silver (Ag)	OSHA ID 121/125G		<0.01	mg/m3
Sodium (Na)	OSHA ID 121/125G		1.89	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_002851457

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	0.064	100	6.4	1.9	30	0.0633333	Aluminum-Al	0.06
0.078	100	7.8	0.023	100	2.3	5.5	30	0.1833333	Antimony-Sb	0.18
0.021	100	2.1	-0.008	100	-0.8	2.9	30	0.0966667	Arsenic-As	0.1
0.003	100	0.3	0.002	100	0.2	0.1	30	0.0033333	Barium-Ba	<0.01
-0.008	100	-0.8	-0.009	100	-0.9	0.1	30	0.0033333	Beryllium-Be	<0.01
-0.02	100	-2	-0.021	100	-2.1	0.1	30	0.0033333	Cadmium-Cd	<0.01
0.433	100	43.3	0.402	100	40.2	3.1	30	0.1033333	Calcium-Ca	0.1
0.017	100	1.7	0.013	100	1.3	0.4	30	0.0133333	Chromium-Cr	0.01
-0.056	100	-5.6	-0.056	100	-5.6	0	30	0	Copper-Cu	<0.01
0.022	100	2.2	2.491	100	249.1	-246.9	30	-8.23	Iron-Fe	<0.01
-0.008	100	-0.8	-0.009	100	-0.9	0.1	30	0.0033333	Lead-Pb	<0.01
0.063	100	6.3	0.068	100	6.8	-0.5	30	-0.0166667	Magnesium-Mg	<0.01
0.038	100	3.8	0.037	100	3.7	0.1	30	0.0033333	Manganese-Mn	<0.01
	100			100			30		Mercury-Hg	<0.01
-0.001	100	-0.1	0.001	100	0.1	-0.2	30	-0.0066667	Nickel-Ni	<0.01
0.989	100	98.9	0.695	100	69.5	29.4	30	0.98	Potassium-K	0.98
0.051	100	5.1	0.001	100	0.1	5	30	0.1666667	Selenium-Se	0.17
-0.09	100	-9	-0.09	100	-9	0	30	0	Silver-Ag	<0.01
2.384	100	238.4	1.817	100	181.7	56.7	30	1.89	Sodium-Na	1.89
-0.004	100	-0.4	-0.011	100	-1.1	0.7	30	0.0233333	Thallium-Tl	0.02
0.007	100	0.7	0.018	100	1.8	-1.1	30	-0.0366667	Zinc-Zn	<0.01

LAB ID #01100273-003

NYCDEP - CENTRAL PK NO & LENOX-NYC

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LAB NUMBER: 01100273

PROJECT ID : WORLD TRADE CENTER-5 Boro Sampling

DATE RECEIVED		RELEASE DATE		REPORT DATE
10/12/01		10/15/01		10/15/01
COLLECT DATE:	SAMPLE ID#:	MATRIX:	SAMPLE ORIGIN:	
10/12/01 8:15 PM	01100273-004	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		0.11	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		0.16	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		0.07	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		0.70	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		2.30	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_002851459

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
0.057	100		5.7	0.064	100		6.4	-0.7	30	-0.0233333	Aluminum-Al	<0.01
0.055	100		5.5	0.023	100		2.3	3.2	30	0.1066667	Antimony-Sb	0.11
0.004	100		0.4	-0.008	100		-0.8	1.2	30	0.04	Arsenic-As	0.04
0.002	100		0.2	0.002	100		0.2	0	30	0	Barium-Ba	<0.01
-0.009	100		-0.9	-0.009	100		-0.9	0	30	0	Beryllium-Be	<0.01
-0.021	100		-2.1	-0.021	100		-2.1	0	30	0	Cadmium-Cd	<0.01
0.45	100		45	0.402	100		40.2	4.8	30	0.16	Calcium-Ca	0.16
0.016	100		1.6	0.013	100		1.3	0.3	30	0.01	Chromium-Cr	0.01
-0.056	100		-5.6	-0.056	100		-5.6	0	30	0	Copper-Cu	<0.01
0.013	100		1.3	2.491	100		249.1	-247.8	30	-8.26	Iron-Fe	<0.01
0.011	100		1.1	-0.009	100		-0.9	2	30	0.0666667	Lead-Pb	0.07
0.069	100		6.9	0.068	100		6.8	0.1	30	0.0033333	Magnesium-Mg	<0.01
0.037	100		3.7	0.037	100		3.7	0	30	0	Manganese-Mn	<0.01
	100				100				30		Mercury-Hg	<0.01
-0.001	100		-0.1	0.001	100		0.1	-0.2	30	-0.0066667	Nickel-Ni	<0.01
0.905	100		90.5	0.695	100		69.5	21	30	0.7	Potassium-K	0.7
0.019	100		1.9	0.001	100		0.1	1.8	30	0.06	Selenium-Se	0.06
-0.09	100		-9	-0.09	100		-9	0	30	0	Silver-Ag	<0.01
2.508	100		250.8	1.817	100		181.7	69.1	30	2.3033333	Sodium-Na	2.3
-0.005	100		-0.5	-0.011	100		-1.1	0.6	30	0.02	Thallium-Tl	0.02
0.016	100		1.6	0.018	100		1.8	-0.2	30	-0.0066667	Zinc-Zn	<0.01

LAB ID #01100273-004

NYCDEP - BERRY & NORTH BROOKLYN

Prepared Exclusively For:
 NYCDEP-Emergency Response & Tech Assmt.
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 (718) 595-4650
MR. M. FAWZY, DIRECTOR

PEDNEAULT ASSOCIATES, INC.
 1615 NINTH AVENUE, BOX 205, BOHEMIA, N.Y. 11716
LAB NUMBER: 01100273
PROJECT ID : WORLD TRADE CENTER-5 Boro Sampling

DATE RECEIVED		RELEASE DATE		REPORT DATE
10/12/01		10/15/01		10/15/01
COLLECT DATE:	SAMPLE ID#:	MATRIX:	SAMPLE ORIGIN:	
10/12/01 8:45 PM	01100273-005	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		<0.01	mg/m3
Arsenic (As)	OSHA ID 121/125G		0.02	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		0.03	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.

SUPPLEMENTAL II

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 NYS ELAP #10224
 MWBE #46075

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
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
0.064	100	6.4	0.064	100	6.4	0	30	0	Aluminum-Al	<0.01
0.024	100	2.4	0.023	100	2.3	0.1	30	0.0033333	Antimony-Sb	<0.01
-0.002	100	-0.2	-0.008	100	-0.8	0.6	30	0.02	Arsenic-As	0.02
0.002	100	0.2	0.002	100	0.2	0	30	0	Barium-Ba	<0.01
-0.009	100	-0.9	-0.009	100	-0.9	0	30	0	Beryllium-Be	<0.01
-0.021	100	-2.1	-0.021	100	-2.1	0	30	0	Cadmium-Cd	<0.01
0.243	100	24.3	0.402	100	40.2	-15.9	30	-0.53	Calcium-Ca	<0.01
0.013	100	1.3	0.013	100	1.3	0	30	0	Chromium-Cr	<0.01
-0.06	100	-6	-0.056	100	-5.6	-0.4	30	-0.0133333	Copper-Cu	<0.01
-0.011	100	-1.1	2.491	100	249.1	-250.2	30	-8.34	Iron-Fe	<0.01
-0.015	100	-1.5	-0.009	100	-0.9	-0.6	30	-0.02	Lead-Pb	<0.01
0.042	100	4.2	0.068	100	6.8	-2.6	30	-0.0866667	Magnesium-Mg	<0.01
0.023	100	2.3	0.037	100	3.7	-1.4	30	-0.0466667	Manganese-Mn	<0.01
	100			100			30		Mercury-Hg	<0.01
-0.001	100	-0.1	0.001	100	0.1	-0.2	30	-0.0066667	Nickel-Ni	<0.01
0.591	100	59.1	0.695	100	69.5	-10.4	30	-0.3466667	Potassium-K	<0.01
0.011	100	1.1	0.001	100	0.1	1	30	0.0333333	Selenium-Se	0.03
-0.089	100	-8.9	-0.09	100	-9	0.1	30	0.0033333	Silver-Ag	<0.01
1.36	100	136	1.817	100	181.7	-45.7	30	-1.5233333	Sodium-Na	<0.01
-0.009	100	-0.9	-0.011	100	-1.1	0.2	30	0.0066667	Thallium-Tl	<0.01
0.01	100	1	0.018	100	1.8	-0.8	30	-0.0266667	Zinc-Zn	<0.01

LAB ID #01100273-005

NYCDEP -ATLANTIC AV & SMITH STR. BROOKLYN

c:\IEM FILES\NYCDEP-HA7MAT\m01100273.xls

Prepared Exclusively For:
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 Corona, NY 11368
 (718) 595-4650
MR. M. FAWZY, DIRECTOR

PEDNEAULT ASSOCIATES, INC.
 1615 NINTH AVENUE, BOX 205, BOHEMIA, N.Y. 11716

LAB NUMBER: 01100273

PROJECT ID : WORLD TRADE CENTER-5 Boro Sampling

DATE RECEIVED		RELEASE DATE		REPORT DATE
10/12/01		10/15/01		10/15/01
COLLECT DATE:	SAMPLE ID#:	MATRIX:	SAMPLE ORIGIN:	
10/12/01 9:33 PM	01100273-006	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		0.06	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		0.50	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		0.05	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		0.32	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		3.14	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

Page 86 of 240
 NYS ELAP #10224
 MWBE #46075

CITY_21MC100_002851463

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	IARR mg/m ³
0.061	100	6.1	0.064	100	6.4	-0.3	30	-0.01	Aluminum-Al	<0.01
0.042	100	4.2	0.023	100	2.3	1.9	30	0.0633333	Antimony-Sb	0.06
-0.009	100	-0.9	-0.008	100	-0.8	-0.1	30	-0.0033333	Arsenic-As	<0.01
0.002	100	0.2	0.002	100	0.2	0	30	0	Barium-Ba	<0.01
-0.009	100	-0.9	-0.009	100	-0.9	0	30	0	Beryllium-Be	<0.01
-0.021	100	-2.1	-0.021	100	-2.1	0	30	0	Cadmium-Cd	<0.01
0.551	100	55.1	0.402	100	40.2	14.9	30	0.4966667	Calcium-Ca	0.5
0.016	100	1.6	0.013	100	1.3	0.3	30	0.01	Chromium-Cr	0.01
-0.055	100	-5.5	-0.056	100	-5.6	0.1	30	0.0033333	Copper-Cu	<0.01
0.042	100	4.2	2.491	100	249.1	-244.9	30	-8.1633333	Iron-Fe	<0.01
-0.012	100	-1.2	-0.009	100	-0.9	-0.3	30	-0.01	Lead-Pb	<0.01
0.083	100	8.3	0.068	100	6.8	1.5	30	0.05	Magnesium-Mg	0.05
0.038	100	3.8	0.037	100	3.7	0.1	30	0.0033333	Manganese-Mn	<0.01
0	100	0	0.001	100	0.1	-0.1	30	-0.0033333	Mercury-Hg	<0.01
0	100	0	0.001	100	0.1	-0.1	30	-0.0033333	Nickel-Ni	<0.01
0.79	100	79	0.695	100	69.5	9.5	30	0.3166667	Potassium-K	0.32
0.003	100	0.3	0.001	100	0.1	0.2	30	0.0066667	Selenium-Se	<0.01
-0.09	100	-9	-0.09	100	-9	0	30	0	Silver-Ag	<0.01
2.759	100	275.9	1.817	100	181.7	94.2	30	3.14	Sodium-Na	3.14
-0.004	100	-0.4	-0.011	100	-1.1	0.7	30	0.0233333	Thallium-Tl	0.02
0.01	100	1	0.018	100	1.8	-0.8	30	-0.0266667	Zinc-Zn	<0.01

LAB ID #01100273-006

NYCDEP - BAY STR & VICTORY BLVD. SI

C:\MEMFILES\NYCDEP\HAZMAT\0041000273-006

Prepared Exclusively For:

NYCDEP-Emergency Response & Tech Assmt.

96-05 Horace Harding Expressway

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MR. M. FAWZY, DIRECTOR

PEDNEAULT ASSOCIATES, INC.

1615 NINTH AVENUE, BOX 205, BOHEMIA, N.Y. 11716

LAB NUMBER: 01100273

PROJECT ID : WORLD TRADE CENTER-5 Boro Sampling

DATE RECEIVED		RELEASE DATE		REPORT DATE
10/12/01		10/15/01		10/15/01
COLLECT DATE:	SAMPLE ID#:	MATRIX:	SAMPLE ORIGIN:	
10/12/01 4:15 PM	01100273-007	AIR/GAS	TRIP BLANKS	
PARAMETER	METHOD		RESULT	UNITS
Aluminum (Al)	OSHA ID 121/125G		0.02	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		<0.01	mg/m3
Iron (Fe)	OSHA ID 121/125G		8.04	mg/m3
Lead (Pb)	OSHA ID 121/125G		<0.01	mg/m3
Magnesium (Mg)	OSHA ID 121/125G		0.02	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		0.02	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_002851465

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	IARR mg/m ³
0.064	100	6.4	0.059	100	5.9	0.5	30	0.0166667	Aluminum-Al	0.02
0.023	100	2.3	0.181	100	18.1	-15.8	30	-0.5266667	Antimony-Sb	<0.01
-0.008	100	-0.8	0.045	100	4.5	-5.3	30	-0.1766667	Arsenic-As	<0.01
0.002	100	0.2	0.002	100	0.2	0	30	0	Barium-Ba	<0.01
-0.009	100	-0.9	-0.009	100	-0.9	0	30	0	Beryllium-Be	<0.01
-0.021	100	-2.1	-0.019	100	-1.9	-0.2	30	-0.0066667	Cadmium-Cd	<0.01
0.402	100	40.2	0.441	100	44.1	-3.9	30	-0.13	Calcium-Ca	<0.01
0.013	100	1.3	0.006	100	0.6	0.7	30	0.0233333	Chromium-Cr	0.02
-0.056	100	-5.6	-0.055	100	-5.5	-0.1	30	-0.0033333	Copper-Cu	<0.01
2.491	100	249.1	0.078	100	7.8	241.3	30	8.0433333	Iron-Fe	8.04
-0.009	100	-0.9	-0.001	100	-0.1	-0.8	30	-0.0266667	Lead-Pb	<0.01
0.068	100	6.8	0.062	100	6.2	0.6	30	0.02	Magnesium-Mg	0.02
0.037	100	3.7	0.034	100	3.4	0.3	30	0.01	Manganese-Mn	0.01
	100			100			30		Mercury-Hg	<0.01
0.001	100	0.1	-0.001	100	-0.1	0.2	30	0.0066667	Nickel-Ni	<0.01
0.695	100	69.5	0.901	100	90.1	-20.6	30	-0.6866667	Potassium-K	<0.01
0.001	100	0.1	0.056	100	5.6	-5.5	30	-0.1833333	Selenium-Se	<0.01
-0.09	100	-9	-0.09	100	-9	0	30	0	Silver-Ag	<0.01
1.817	100	181.7	2.657	100	265.7	-84	30	-2.8	Sodium-Na	<0.01
-0.011	100	-1.1	-0.012	100	-1.2	0.1	30	0.0033333	Thallium-Tl	<0.01
0.018	100	1.8	0.012	100	1.2	0.6	30	0.02	Zinc-Zn	0.02

LAB ID #01100273-007

NYCDEP - TRIP/FIELD BLANK

Prepared Exclusively For:

NYCDEP-Emergency Response & Tech Assmt.

96-05 Horace Harding Expressway

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(718) 595-4650

MR. M. FAWZY, DIRECTOR**PEDNEAULT ASSOCIATES, INC.**

1615 NINTH AVENUE, BOX 205, BOHEMIA, N.Y. 11716

LAB NUMBER: 01100273**PROJECT ID : WORLD TRADE CENTER-5 Boro Sampling**

DATE RECEIVED		RELEASE DATE		REPORT DATE
10/12/01		10/15/01		10/15/01
COLLECT DATE:	SAMPLE ID#:	MATRIX:	SAMPLE ORIGIN:	
10/12/01 6:00 PM	01100273-008	AIR/GAS	DUP/BROADWAY AVE & 31st ST., QUEENS	
PARAMETER	METHOD		RESULT	UNITS
Aluminum (Al)	OSHA ID 121/125G		0.04	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		0.37	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		0.02	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		0.14	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		1.69	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_002851467

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:

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

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
0.076	100	7.6	0.064	100	6.4	1.2	30	0.04	Aluminum-Al	0.04
0.029	100	2.9	0.023	100	2.3	0.6	30	0.02	Antimony-Sb	0.02
-0.009	100	-0.9	-0.008	100	-0.8	-0.1	30	-0.0033333	Arsenic-As	<0.01
0.002	100	0.2	0.002	100	0.2	0	30	0	Barium-Ba	<0.01
-0.01	100	-1	-0.009	100	-0.9	-0.1	30	-0.0033333	Beryllium-Be	<0.01
-0.021	100	-2.1	-0.021	100	-2.1	0	30	0	Cadmium-Cd	<0.01
0.513	100	51.3	0.402	100	40.2	11.1	30	0.37	Calcium-Ca	0.37
0.01	100	1	0.013	100	1.3	-0.3	30	-0.01	Chromium-Cr	<0.01
-0.057	100	-5.7	-0.056	100	-5.6	-0.1	30	-0.0033333	Copper-Cu	<0.01
0.028	100	2.8	2.491	100	249.1	-246.3	30	-8.21	Iron-Fe	<0.01
-0.013	100	-1.3	-0.009	100	-0.9	-0.4	30	-0.0133333	Lead-Pb	<0.01
0.075	100	7.5	0.068	100	6.8	0.7	30	0.0233333	Magnesium-Mg	0.02
0.037	100	3.7	0.037	100	3.7	0	30	0	Manganese-Mn	<0.01
	100			100			30		Mercury-Hg	<0.01
-0.001	100	-0.1	0.001	100	0.1	-0.2	30	-0.0066667	Nickel-Ni	<0.01
0.737	100	73.7	0.695	100	69.5	4.2	30	0.14	Potassium-K	0.14
0.003	100	0.3	0.001	100	0.1	0.2	30	0.0066667	Selenium-Se	<0.01
-0.089	100	-8.9	-0.09	100	-9	0.1	30	0.0033333	Silver-Ag	<0.01
2.325	100	232.5	1.817	100	181.7	50.8	30	1.6933333	Sodium-Na	1.69
-0.006	100	-0.6	-0.011	100	-1.1	0.5	30	0.0166667	Thallium-Tl	0.02
0.009	100	0.9	0.018	100	1.8	-0.9	30	-0.03	Zinc-Zn	<0.01

LAB ID #01100273-008

NYCDEP - DUPLICATE OF #01100273-001

NYCDEP - WTC 5-BORO SAMPLING METALS IN AIR