

09/17/2001 12:57 6314676905

PEDNEAULT ASSOCIATES

PAGE 03

Prepared Exclusively For:

N.Y.C. D.E.P. HAZMAT DIVISION

59-17 JUNCTION BOULEVARD

CORONA, NY 11368

(718) 595-6431

PEDNEAULT ASSOCIATES, INC.

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

LAB NUMBER: 01090183

PROJECT ID : WORLD TRADE CENTER

COLLECT DATE	DATE RECEIVED	RELEASE DATE	REPORT DATE
9/15/01	9/16/01	9/17/01	9/17/01
SAMPLE ID#: 01090183-002 MATRIX: AIR/GAS		SAMPLE ORIGIN: 138th St. & 3rd AVENUE, BRONX	
PARAMETER	METHOD	RESULT	UNITS
Aluminum (Al)	OSHA ID121	<0.01	mg/m3
Antimony (Sb)	OSHA ID121	0.06	mg/m3
Copper (Cu)	OSHA ID121	<0.01	µg/m3
Arsenic (As)	OSHA ID121	<0.01	mg/m3
Barium (Ba)	OSHA ID121	<0.01	mg/m3
Beryllium (Be)	OSHA ID121	<0.01	mg/m3
Cadmium (Cd)	OSHA ID121	<0.01	mg/m3
Calcium (Ca)	OSHA ID121	1.30	mg/m3
Chromium (Cr)	OSHA ID121	0.01	mg/m3
Iron (Fe)	OSHA ID121	0.02	mg/m3
Lead (Pb)	OSHA ID121	0.02	mg/m3
Magnesium (Mg)	OSHA ID121	0.23	mg/m3
Manganese (Mn)	OSHA ID121	0.25	mg/m3
Mercury (Hg)	OSHA ID121	<0.01	mg/m3
Nickel (Ni)	OSHA ID121	<0.01	mg/m3
Potassium (K)	OSHA ID121	<0.01	mg/m3
Selenium (Se)	OSHA ID121	0.02	mg/m3
Sodium (Na)	OSHA ID121	1.82	mg/m3
Thallium (Tl)	OSHA ID121	0.01	mg/m3
Zinc (Zn)	OSHA ID121	<0.01	mg/m3
Silver (Ag)	OSHA ID121	0.23	mg/m3

John Pedneault
Lab DirectorPage 2 of 7
NYS ELAP #10224
MWBE #46075

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09/17/2001 12:57 6314676905

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PAGE 04

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LAB NUMBER: 01090183

PROJECT ID : WORLD TRADE CENTER

COLLECT DATE	DATE RECEIVED	RELEASE DATE	REPORT DATE
9/15/01	9/16/01	9/17/01	9/17/01
SAMPLE ID#: 01090183-003 MATRIX AIRGAS		SAMPLE ORIGIN: CENTRAL PARK N. & LENOX, MANHATTAN	
PARAMETER	METHOD	RESULT	UNITS
Aluminum (Al)	OSHA ID121	<0.01	mg/m3
Antimony (Sb)	OSHA ID121	0.11	mg/m3
Arsenic (As)	OSHA ID121	0.01	mg/m3
Copper (Cu)	OSHA ID121	<0.01	µg/m3
Barium (Ba)	OSHA ID121	<0.01	mg/m3
Beryllium (Be)	OSHA ID121	<0.01	mg/m3
Cadmium (Cd)	OSHA ID121	<0.01	mg/m3
Calcium (Ca)	OSHA ID121	1.02	mg/m3
Chromium (Cr)	OSHA ID121	0.02	mg/m3
Iron (Fe)	OSHA ID121	<0.01	mg/m3
Lead (Pb)	OSHA ID121	<0.01	mg/m3
Magnesium (Mg)	OSHA ID121	0.15	mg/m3
Manganese (Mn)	OSHA ID121	<0.01	mg/m3
Mercury (Hg)	OSHA ID121	<0.01	mg/m3
Nickel (Ni)	OSHA ID121	<0.01	mg/m3
Potassium (K)	OSHA ID121	<0.01	mg/m3
Selenium (Se)	OSHA ID121	0.09	mg/m3
Sodium (Na)	OSHA ID121	0.74	mg/m3
Thallium (Tl)	OSHA ID121	0.04	mg/m3
Zinc (Zn)	OSHA ID121	<0.01	mg/m3
Silver (Ag)	OSHA ID121	0.29	mg/m3

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Lab Director

Page 3 of 7
NYS ELAP #10224
MWBE #46075

CITY_21MC100_003070679

09/17/2001 12:57 6314676905

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PAGE 05

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LAB NUMBER: 01090183
PROJECT ID : WORLD TRADE CENTER

COLLECT DATE	DATE RECEIVED	RELEASE DATE	REPORT DATE
9/15/01	9/16/01	9/17/01	9/17/01
SAMPLE ID#: 01090183-004 MATRIX AIRGAS		SAMPLE ORIGIN: BERRY ST. & NORTH 11th ST, BROOKLYN	
PARAMETER	METHOD	RESULT	UNITS
Aluminum (Al)	OSHA ID121	0.04	mg/m3
Antimony (Sb)	OSHA ID121	0.12	mg/m3
Arsenic (As)	OSHA ID121	0.03	mg/m3
Copper (Cu)	OSHA ID121	<0.01	µg/m3
Barium (Ba)	OSHA ID121	<0.01	mg/m3
Beryllium (Be)	OSHA ID121	<0.01	mg/m3
Cadmium (Cd)	OSHA ID121	<0.01	mg/m3
Calcium (Ca)	OSHA ID121	0.73	mg/m3
Chromium (Cr)	OSHA ID121	0.02	mg/m3
Iron (Fe)	OSHA ID121	<0.01	mg/m3
Lead (Pb)	OSHA ID121	<0.01	mg/m3
Magnesium (Mg)	OSHA ID121	0.11	mg/m3
Manganese (Mn)	OSHA ID121	<0.01	mg/m3
Mercury (Hg)	OSHA ID121	<0.01	mg/m3
Nickel (Ni)	OSHA ID121	<0.01	mg/m3
Potassium (K)	OSHA ID121	<0.01	mg/m3
Selenium (Se)	OSHA ID121	0.03	mg/m3
Sodium (Na)	OSHA ID121	<0.01	mg/m3
Thallium (Tl)	OSHA ID121	0.05	mg/m3
Zinc (Zn)	OSHA ID121	<0.01	mg/m3
Silver (Ag)	OSHA ID121	0.19	mg/m3

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Page 4 of 7
 NYS ELAP #10224
 MWBE #46075

CITY_21MC100_003070680

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PEDNEAULT ASSOCIATES, INC.

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

LAB NUMBER: 01090183**PROJECT ID : WORLD TRADE CENTER**

COLLECT DATE	DATE RECEIVED	RELEASE DATE	REPORT DATE
9/15/01	9/16/01	9/17/01	9/17/01
SAMPLE ID#: 01090183-005 MATREX AIRGAS		SAMPLE ORIGIN: ATLANTIC AVE. & SMITH ST., BROOKLYN	
PARAMETER	METHOD	RESULT	UNITS
Aluminum (Al)	OSHA ID121	<0.01	mg/m3
Antimony (Sb)	OSHA ID121	<0.01	mg/m3
Copper (Cu)	OSHA ID121	<0.01	µg/m3
Arsenic (As)	OSHA ID121	<0.01	mg/m3
Barium (Ba)	OSHA ID121	<0.01	mg/m3
Beryllium (Be)	OSHA ID121	<0.01	mg/m3
Cadmium (Cd)	OSHA ID121	<0.01	mg/m3
Calcium (Ca)	OSHA ID121	1.36	mg/m3
Chromium (Cr)	OSHA ID121	0.01	mg/m3
Iron (Fe)	OSHA ID121	<0.01	mg/m3
Lead (Pb)	OSHA ID121	<0.01	mg/m3
Magnesium (Mg)	OSHA ID121	0.25	mg/m3
Manganese (Mn)	OSHA ID121	<0.01	mg/m3
Mercury (Hg)	OSHA ID121	<0.01	mg/m3
Nickel (Ni)	OSHA ID121	<0.01	mg/m3
Potassium (K)	OSHA ID121	<0.01	mg/m3
Selenium (Se)	OSHA ID121	<0.01	mg/m3
Sodium (Na)	OSHA ID121	0.60	mg/m3
Thallium (Tl)	OSHA ID121	0.02	mg/m3
Zinc (Zn)	OSHA ID121	<0.01	mg/m3
Silver (Ag)	OSHA ID121	<0.01	mg/m3

John Pedneault
Lab DirectorPage 5 of 7
NYS ELAP #10224
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LAB NUMBER: 01090183
PROJECT ID : WORLD TRADE CENTER

COLLECT DATE	DATE RECEIVED	RELEASE DATE	REPORT DATE
9/15/01	9/16/01	9/17/01	9/17/01
SAMPLE ID#: 01090183-006 MATRIX AIRGAS		SAMPLE ORIGIN: BAY ST & VICTORY BLVD., STATEN ISLAND	
PARAMETER	METHOD	RESULT	UNITS
Aluminum (Al)	OSHA ID121	0.06	mg/m3
Antimony (Sb)	OSHA ID121	<0.01	mg/m3
Arsenic (As)	OSHA ID121	<0.01	mg/m3
Copper (Cu)	OSHA ID121	<0.01	µg/m3
Barium (Ba)	OSHA ID121	<0.01	mg/m3
Beryllium (Be)	OSHA ID121	<0.01	mg/m3
Cadmium (Cd)	OSHA ID121	<0.01	mg/m3
Calcium (Ca)	OSHA ID121	1.18	mg/m3
Chromium (Cr)	OSHA ID121	0.02	mg/m3
Iron (Fe)	OSHA ID121	<0.01	mg/m3
Lead (Pb)	OSHA ID121	<0.01	mg/m3
Magnesium (Mg)	OSHA ID121	0.22	mg/m3
Manganese (Mn)	OSHA ID121	<0.01	mg/m3
Mercury (Hg)	OSHA ID121	<0.01	mg/m3
Nickel (Ni)	OSHA ID121	<0.01	mg/m3
Potassium (K)	OSHA ID121	<0.01	mg/m3
Selenium (Se)	OSHA ID121	<0.01	mg/m3
Sodium (Na)	OSHA ID121	0.33	mg/m3
Thallium (Tl)	OSHA ID121	<0.01	mg/m3
Zinc (Zn)	OSHA ID121	0.01	mg/m3
Silver (Ag)	OSHA ID121	<0.01	mg/m3

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Page 6 of 7
 NYS ELAP #10224
 MWBE #46075

09/17/2001 12:57 6314676905

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PAGE 08

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COLLECT DATE	DATE RECEIVED	RELEASE DATE	REPORT DATE
9/15/01	9/16/01	9/17/01	9/17/01
SAMPLE ID#: 01090183-007 MATRIX AIR/GAS		SAMPLE ORIGIN: TRIP BLANKS	
PARAMETER	METHOD	RESULT	UNITS
Aluminum (Al)	OSHA ID121	0.16	mg/m3
Antimony (Sb)	OSHA ID121	0.03	mg/m3
Arsenic (As)	OSHA ID121	0.01	mg/m3
Copper (Cu)	OSHA ID121	0.08	µg/m3
Barium (Ba)	OSHA ID121	<0.01	mg/m3
Beryllium (Be)	OSHA ID121	0.01	mg/m3
Cadmium (Cd)	OSHA ID121	0.01	mg/m3
Calcium (Ca)	OSHA ID121	0.22	mg/m3
Chromium (Cr)	OSHA ID121	0.31	mg/m3
Iron (Fe)	OSHA ID121	0.14	mg/m3
Lead (Pb)	OSHA ID121	<0.01	mg/m3
Magnesium (Mg)	OSHA ID121	<0.01	mg/m3
Manganese (Mn)	OSHA ID121	<0.01	mg/m3
Mercury (Hg)	OSHA ID121	<0.01	mg/m3
Nickel (Ni)	OSHA ID121	<0.01	mg/m3
Potassium (K)	OSHA ID121	<0.01	mg/m3
Selenium (Se)	OSHA ID121	0.11	mg/m3
Sodium (Na)	OSHA ID121	<0.01	mg/m3
Thallium (Tl)	OSHA ID121	0.01	mg/m3
Zinc (Zn)	OSHA ID121	<0.01	mg/m3
Silver (Ag)	OSHA ID121	0.59	mg/m3

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Page 7 of 7
NYS ELAP #10224
MWBE #46075

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