NYC 9/11 Public Portal Document

PEDNEAULT ASSOCIATES, INC.

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AMERICA'S TEST LAB!

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: 01090163

PROJECT ID : WORLD TRADE CENTER-HAZMAT RESPONSE

COLLECT DATE	DATE RECEIVED	RELEASE DATE	REPORT DATE
9/13/01	9/14/01	9/14/01	9/14/01

SAMPLE ID#: 01090163-001 **MATRIX** AIR\GAS **SAMPLE ORIGIN:** BROADWAY AVE & 31st ST., QUEENS

PARAMETER	METHOD	RESULT	UNITS
Aluminum (Al)	OSHA ID121	0.14	mg/m3
Antimony (Sb)	OSHA ID121	0.31	mg/m3
Copper (Cu)	OSHA ID121	0.02	mg/m3
Arsenic (As)	OSHA ID121	0.15	mg/m3
Barium (Ba)	OSHA ID121	0.006	mg/m3
Beryllium (Be)	OSHA ID121	0.02	mg/m3
Cadmium (Cd)	OSHA ID121	<0.01	mg/m3
Calcium (Ca)	OSHA ID121	3.39	mg/m3
Chromium (Cr)	OSHA ID121	<0.06	mg/m3
Iron (Fe)	OSHA ID121	0.41	mg/m3
Lead (Pb)	OSHA ID121	<0.01	mg/m3
Magnesium (Mg)	OSHA ID121	0.66	mg/m3
Manganese (Mn)	OSHA ID121	<0.01	mg/m3
Mercury (Hg)	OSHA ID121	<0.01	mg/m3
Nickel (Ni)	OSHA ID121	0.04	mg/m3
Potassium (K)	OSHA ID121	0.05	mg/m3
Selenium (Se)	OSHA ID121	<0.01	mg/m3
Silver (Ag)	OSHA ID121	0.26	mg/m3
Sodium (Na)	OSHA ID121	0.41	mg/m3
Thallium (Tl)	OSHA ID121	0.12	mg/m3
Zinc (Zn)	OSHA ID121	0.14	mg/m3

Reported results are reflective of TOTAL, Metal

John Pedneault
Lab Director

NYS ELAP #10224

CITY_21MC100_002968132

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SAMPLE ID#: 01090163-002 **MATRIX** AIR\GAS **SAMPLE ORIGIN:** 138th S. & 3rd AVENUE, BRONX

PARAMETER	METHOD	RESULT	UNITS
Aluminum (Al)	OSHA ID121	0.14	mg/m3
Antimony (Sb)	OSHA ID121	0.38	mg/m3
Copper (Cu)	OSHA ID121	<0.01	mg/m3
Arsenic (As)	OSHA ID121	0.05	mg/m3
Barium (Ba)	OSHA ID121	0.01	mg/m3
Beryllium (Be)	OSHA ID121	0.02	mg/m3
Cadmium (Cd)	OSHA ID121	<0.01	mg/m3
Calcium (Ca)	OSHA ID121	3.37	mg/m3
Chromium (Cr)	OSHA ID121	0.01	mg/m3
Iron (Fe)	OSHA ID121	0.18	mg/m3
Lead (Pb)	OSHA ID121	<0.01	mg/m3
Magnesium (Mg)	OSHA ID121	0.67	mg/m3
Manganese (Mn)	OSHA ID121	<0.01	mg/m3
Mercury (Hg)	OSHA ID121	<0.01	mg/m3
Nickel (Ni)	OSHA ID121	0.04	mg/m3
Potassium (K)	OSHA ID121	0.06	mg/m3
Selenium (Se)	OSHA ID121	<0.01	mg/m3
Silver (Ag)	OSHA ID121	0.10	mg/m3
Sodium (Na)	OSHA ID121	0.54	mg/m3
Thallium (Tl)	OSHA ID121	0.13	mg/m3
Zinc (Zn)	OSHA ID121	0.13	mg/m3

Reported results are reflective of TOTAL, Metal

John Pedneault
Lab Director

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SAMPLE ID#: 01090163-003 **MATRIX** AIR\GAS **SAMPLE ORIGIN:** CENTRAL PARK N. & LENOX., MANHATTAN.

PARAMETER	METHOD	RESULT	UNITS
Aluminum (Al)	OSHA ID121	0.18	mg/m3
Antimony (Sb)	OSHA ID121	0.02	mg/m3
Arsenic (As)	OSHA ID121	0.10	mg/m3
Copper (Cu)	OSHA ID121	<0.01	mg/m3
Barium (Ba)	OSHA ID121	<0.01	mg/m3
Beryllium (Be)	OSHA ID121	0.02	mg/m3
Cadmium (Cd)	OSHA ID121	<0.01	mg/m3
Calcium (Ca)	OSHA ID121	3.43	mg/m3
Chromium (Cr)	OSHA ID121	0.04	mg/m3
Iron (Fe)	OSHA ID121	0.29	mg/m3
Lead (Pb)	OSHA ID121	<0.01	mg/m3
Magnesium (Mg)	OSHA ID121	0.68	mg/m3
Manganese (Mn)	OSHA ID121	<0.01	mg/m3
Mercury (Hg)	OSHA ID121	<0.01	mg/m3
Nickel (Ni)	OSHA ID121	0.06	mg/m3
Potassium (K)	OSHA ID121	0.08	mg/m3
Selenium (Se)	OSHA ID121	<0.01	mg/m3
Silver (Ag)	OSHA ID121	0.02	mg/m3
Sodium (Na)	OSHA ID121	0.34	mg/m3
Thallium (Tl)	OSHA ID121	0.11	mg/m3
Zinc (Zn)	OSHA ID121	0.13	mg/m3

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John Pedneault
Lab Director

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SAMPLE ID#: 01090163-005 **MATRIX** AIR\GAS **SAMPLE ORIGIN:** ATLANTIC AVE. & SMITH ST., BROOKLYN

PARAMETER	METHOD	RESULT	UNITS
Aluminum (Al)	OSHA ID121	0.23	mg/m3
Antimony (Sb)	OSHA ID121	<0.01	mg/m3
Copper (Cu)	OSHA ID121	<0.01	mg/m3
Arsenic (As)	OSHA ID121	0.04	mg/m3
Barium (Ba)	OSHA ID121	<0.01	mg/m3
Beryllium (Be)	OSHA ID121	0.02	mg/m3
Cadmium (Cd)	OSHA ID121	<0.01	mg/m3
Calcium (Ca)	OSHA ID121	3.43	mg/m3
Chromium (Cr)	OSHA ID121	<0.01	mg/m3
Iron (Fe)	OSHA ID121	0.20	mg/m3
Lead (Pb)	OSHA ID121	<0.01	mg/m3
Magnesium (Mg)	OSHA ID121	0.69	mg/m3
Manganese (Mn)	OSHA ID121	<0.01	mg/m3
Mercury (Hg)	OSHA ID121	<0.01	mg/m3
Nickel (Ni)	OSHA ID121	0.05	mg/m3
Potassium (K)	OSHA ID121	1.82	mg/m3
Selenium (Se)	OSHA ID121	<0.01	mg/m3
Silver (Ag)	OSHA ID121	<0.01	mg/m3
Thallium (Tl)	OSHA ID121	0.12	mg/m3
Sodium (Na)	OSHA ID121	5.67	mg/m3
Zinc (Zn)	OSHA ID121	0.31	mg/m3

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John Pedneault
Lab Director

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59-17 JUNCTION BOULEVARD	**LAB NUMBER:** 01090163
CORONA , NY 11368	**PROJECT ID :** WORLD TRADE CENTER-HAZMAT RESPONSE
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9/14/01	9/14/01	9/14/01	9/14/01

SAMPLE ID#: 01090163-006 **MATRIX** AIR\GAS **SAMPLE ORIGIN:** BAY ST. & VICTORY BLVD., STATEN ISLAND

PARAMETER	METHOD	RESULT	UNITS
Aluminum (Al)	OSHA ID121	0.25	mg/m3
Antimony (Sb)	OSHA ID121	0.04	mg/m3
Arsenic (As)	OSHA ID121	0.02	mg/m3
Barium (Ba)	OSHA ID121	<0.01	mg/m3
Copper (Cu)	OSHA ID121	<0.01	mg/m3
Beryllium (Be)	OSHA ID121	0.02	mg/m3
Cadmium (Cd)	OSHA ID121	<0.01	mg/m3
Calcium (Ca)	OSHA ID121	3.28	mg/m3
Chromium (Cr)	OSHA ID121	<0.01	mg/m3
Iron (Fe)	OSHA ID121	0.27	mg/m3
Lead (Pb)	OSHA ID121	<0.01	mg/m3
Magnesium (Mg)	OSHA ID121	0.66	mg/m3
Manganese (Mr)	OSHA ID121	<0.01	mg/m3
Mercury (Hg)	OSHA ID121	<0.01	mg/m3
Nickel (Ni)	OSHA ID121	0.04	mg/m3
Potassium (K)	OSHA ID121	<0.01	mg/m3
Selenium (Se)	OSHA ID121	<0.01	mg/m3
Silver (Ag)	OSHA ID121	<0.01	mg/m3
Sodium (Na)	OSHA ID121	4.73	mg/m3
Thallium (Tl)	OSHA ID121	0.12	mg/m3
Zinc (Zn)	OSHA ID121	0.08	mg/m3

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John Pedneault
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SAMPLE ID#: 01090163-007 **MATRIX** AIR\GAS **SAMPLE ORIGIN:** FIELD BLANK

PARAMETER	METHOD	RESULT	UNITS
Aluminum (Al)	OSHA ID121	0.21	mg/m3
Antimony (Sb)	OSHA ID121	<0.01	mg/m3
Arsenic (As)	OSHA ID121	0.05	mg/m3
Copper (Cu)	OSHA ID121	<0.01	mg/m3
Barium (Ba)	OSHA ID121	0.01	mg/m3
Beryllium (Be)	OSHA ID121	0.02	mg/m3
Cadmium (Cd)	OSHA ID121	<0.01	mg/m3
Calcium (Ca)	OSHA ID121	4.60	mg/m3
Chromium (Cr)	OSHA ID121	0.01	mg/m3
Iron (Fe)	OSHA ID121	0.15	mg/m3
Lead (Pb)	OSHA ID121	<0.01	mg/m3
Magnesium (Mg)	OSHA ID121	0.72	mg/m3
Manganese (Mn)	OSHA ID121	<0.01	mg/m3
Mercury (Hg)	OSHA ID121	<0.01	mg/m3
Nickel (Ni)	OSHA ID121	0.04	mg/m3
Potassium (K)	OSHA ID121	0.08	mg/m3
Selenium (Se)	OSHA ID121	<0.01	mg/m3
Silver (Ag)	OSHA ID121	<0.01	mg/m3
Sodium (Na)	OSHA ID121	0.48	mg/m3
Thallium (Tl)	OSHA ID121	0.11	mg/m3
Zinc (Zn)	OSHA ID121	0.13	mg/m3

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