



PEDNEAULT ASSOCIATES, INC.

1615 NINTH AVENUE, BOX 205

BOHEMIA, N.Y. 11716

Phone: (631) 467-8477 Fax: (631) 467-6905

AMERICA'S TEST LAB!

Prepared Exclusively For:

NYCDEP-Emergency Response & Tech Assmt.

96-05 Horace Harding Expressway

Corona, NY 11368

(718) 595-4650

PEDNEAULT ASSOCIATES, INC.

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

LAB#: 01100508

PROJECT ID WORLD TRADE CENTER- 5 Boro Sampling

MATRIX: AIR/GAS

COLLECT DATE	DATE RECEIVED	RELEASE DATE	REPORT DATE		
10/28/01 4:10 PM	10/28/01 9:54:00 PM	10/30/01	10/30/01		
SAMPLE ID#: 01100508-001	SAMPLE ORIGIN BROADWAY AVE & 31st ST. , QUEENS				
	RESULT	UNITS	M.D.L.	METHOD	ANALYSIS DATE
Dichlorodifluoromethane	0.66	ppb v/v	0.123	USEPA TO-15	10/29/01
Chloromethane	0.81	ppb v/v	0.1037	USEPA TO-15	10/29/01
1,2-Dichlorotetrafluoroethane	ND	ppb v/v	0.2886	USEPA TO-15	10/29/01
Vinyl Chloride	ND	ppb v/v	0.1249	USEPA TO-15	10/29/01
Bromomethane	ND	ppb v/v	0.2418	USEPA TO-15	10/29/01
Chloroethane	ND	ppb v/v	0.2478	USEPA TO-15	10/29/01
Trichlorofluoromethane	0.19	ppb v/v	0.1839	USEPA TO-15	10/29/01
1,1-Dichloroethene	ND	ppb v/v	0.0799	USEPA TO-15	10/29/01
Methylene chloride	ND	ppb v/v	0.1909	USEPA TO-15	10/29/01
Freon 113	ND	ppb v/v	0.161	USEPA TO-15	10/29/01
1,1-Dichloroethane	ND	ppb v/v	0.1398	USEPA TO-15	10/29/01
Methyl-tert-butyl ether	7.31	ppb v/v	0.128	USEPA TO-15	10/29/01
cis-1,2-Dichloroethene	ND	ppb v/v	0.1783	USEPA TO-15	10/29/01
Chloroform	ND	ppb v/v	0.1681	USEPA TO-15	10/29/01
1,2-Dichloroethane	ND	ppb v/v	0.1688	USEPA TO-15	10/29/01
1,1,1-Trichloroethane	ND	ppb v/v	0.0974	USEPA TO-15	10/29/01
Benzene	2.13	ppb v/v	0.1201	USEPA TO-15	10/29/01
Carbon Tetrachloride	ND	ppb v/v	0.0922	USEPA TO-15	10/29/01
1,2-Dichloropropane	ND	ppb v/v	0.1138	USEPA TO-15	10/29/01
Trichloroethene	ND	ppb v/v	0.1329	USEPA TO-15	10/29/01
cis-1,3-Dichloropropene	ND	ppb v/v	0.0924	USEPA TO-15	10/29/01
trans-1,3-Dichloropropene	ND	ppb v/v	0.1222	USEPA TO-15	10/29/01

John Pedneault
Lab Director

ND=RESULT IS EQUAL TO OR LESS THAN MDL
NR=NON REPORTABLE RESULTS

Page 1 of 16
NYS ELAP #10224
MWBE #46075

Prepared Exclusively For: NYCDEP-Emergency Response & Tech Assmt. 96-05 Horace Harding Expressway Corona, NY 11368 (718) 595-4650	PEDNEAULT ASSOCIATES, INC. 1615 NINTH AVENUE, BOX 205, BOHEMIA, N.Y. 11716 LAB#: 01100508 PROJECT ID WORLD TRADE CENTER- 5 Boro Sampling MATRIX: AIR\GAS
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1,1,2-Trichloroethane	ND	ppb v/v	0.0896	USEPA TO-15	10/29/01
Toluene	5.19	ppb v/v	0.0735	USEPA TO-15	10/29/01
1,2-Dibromoethane	ND	ppb v/v	0.0971	USEPA TO-15	10/29/01
Tetrachloroethene	ND	ppb v/v	0.0845	USEPA TO-15	10/29/01
Chlorobenzene	ND	ppb v/v	0.1343	USEPA TO-15	10/29/01
Ethylbenzene	0.67	ppb v/v	0.0744	USEPA TO-15	10/29/01
m,p-Xylene	1.85	ppb v/v	0.1785	USEPA TO-15	10/29/01
Styrene	0.11	ppb v/v	0.0896	USEPA TO-15	10/29/01
1,1,2,2-Tetrachloroethane	ND	ppb v/v	0.1471	USEPA TO-15	10/29/01
o-Xylene	0.68	ppb v/v	0.0111	USEPA TO-15	10/29/01
1,3,5-Trimethylbenzene	0.19	ppb v/v	0.0757	USEPA TO-15	10/29/01
1,2,4-Trimethylbenzene	0.62	ppb v/v	0.1511	USEPA TO-15	10/29/01
1,3-Dichlorobenzene	ND	ppb v/v	0.1564	USEPA TO-15	10/29/01
1,4-Dichlorobenzene	ND	ppb v/v	0.169	USEPA TO-15	10/29/01
1,2-Dichlorobenzene	ND	ppb v/v	0.2014	USEPA TO-15	10/29/01
1,2,4-Trichlorobenzene	ND	ppb v/v	0.1785	USEPA TO-15	10/29/01
Hexachloro-1,3-Butadiene	ND	ppb v/v	0.1976	USEPA TO-15	10/29/01
Tentatively Identified Compounds				USEPA TO-15	10/29/01
Propene	1.81	ppb v/v		USEPA TO-15	10/29/01
2-Methyl propene	1.57	ppb v/v		USEPA TO-15	10/29/01
Butane	2.49	ppb v/v		USEPA TO-15	10/29/01
2-Methyl butane	4.72	ppb v/v		USEPA TO-15	10/29/01
Pentane	2.10	ppb v/v		USEPA TO-15	10/29/01
2-Methyl Pentane	3.18	ppb v/v		USEPA TO-15	10/29/01
3-Methyl pentane	1.81	ppb v/v		USEPA TO-15	10/29/01
2,2,4-Trimethyl Pentane	1.46	ppb v/v		USEPA TO-15	10/29/01
Heptane	1.03	ppb v/v		USEPA TO-15	10/29/01

John Pedneault
Lab Director

ND=RESULT IS EQUAL TO OR LESS THAN MDL
NR=NON REPORTABLE RESULTS

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NYS ELAP #10224
MWBE #46075

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Corona, NY 11368

(718) 595-4650

PEDNEAULT ASSOCIATES, INC.

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

LAB#: 01100508**PROJECT ID** WORLD TRADE CENTER- 5 Boro Sampling**MATRIX:** AIR\GAS

COLLECT DATE	DATE RECEIVED	RELEASE DATE	REPORT DATE		
10/28/01 4:45 PM	10/28/01 9:54:00 PM	10/30/01	10/30/01		
SAMPLE ID#: 01100508-002	SAMPLE ORIGIN 138th St. & 3rd AVENUE, BRONX				
	RESULT	UNITS	M.D.L.	METHOD	ANALYSIS DATE
Dichlorodifluoromethane	0.66	ppb v/v	0.123	USEPA TO-15	10/29/01
Chloromethane	0.84	ppb v/v	0.1037	USEPA TO-15	10/29/01
1,2-Dichlorotetrafluoroethane	ND	ppb v/v	0.2886	USEPA TO-15	10/29/01
Vinyl Chloride	ND	ppb v/v	0.1249	USEPA TO-15	10/29/01
Bromomethane	ND	ppb v/v	0.2418	USEPA TO-15	10/29/01
Chloroethane	ND	ppb v/v	0.2478	USEPA TO-15	10/29/01
Trichlorofluoromethane	0.19	ppb v/v	0.1839	USEPA TO-15	10/29/01
1,1-Dichloroethene	ND	ppb v/v	0.0799	USEPA TO-15	10/29/01
Methylene chloride	ND	ppb v/v	0.1909	USEPA TO-15	10/29/01
Freon 113	ND	ppb v/v	0.161	USEPA TO-15	10/29/01
1,1-Dichloroethane	ND	ppb v/v	0.1398	USEPA TO-15	10/29/01
Methyl-tert-butyl ether	1.23	ppb v/v	0.128	USEPA TO-15	10/29/01
cis-1,2-Dichloroethene	ND	ppb v/v	0.1783	USEPA TO-15	10/29/01
Chloroform	ND	ppb v/v	0.1681	USEPA TO-15	10/29/01
1,2-Dichloroethane	ND	ppb v/v	0.1688	USEPA TO-15	10/29/01
1,1,1-Trichloroethane	ND	ppb v/v	0.0974	USEPA TO-15	10/29/01
Benzene	1.58	ppb v/v	0.1201	USEPA TO-15	10/29/01
Carbon Tetrachloride	ND	ppb v/v	0.0922	USEPA TO-15	10/29/01
1,2-Dichloropropane	ND	ppb v/v	0.1138	USEPA TO-15	10/29/01
Trichloroethene	ND	ppb v/v	0.1329	USEPA TO-15	10/29/01
cis-1,3-Dichloropropene	ND	ppb v/v	0.0924	USEPA TO-15	10/29/01
trans-1,3-Dichloropropene	ND	ppb v/v	0.1222	USEPA TO-15	10/29/01
1,1,2-Trichloroethane	ND	ppb v/v	0.0896	USEPA TO-15	10/29/01
Toluene	2.88	ppb v/v	0.0735	USEPA TO-15	10/29/01
1,2-Dibromoethane	ND	ppb v/v	0.0971	USEPA TO-15	10/29/01
Tetrachloroethene	ND	ppb v/v	0.0845	USEPA TO-15	10/29/01
Chlorobenzene	ND	ppb v/v	0.1343	USEPA TO-15	10/29/01
Ethylbenzene	0.24	ppb v/v	0.0744	USEPA TO-15	10/29/01

John Pedneault
Lab DirectorND=RESULT IS EQUAL TO OR LESS THAN MDL
NR=NON REPORTABLE RESULTSPage 3 of 16
NYS ELAP #10224
MWBE #46075

CITY_21MC100_003071387

NYC-WTC_000203358

<i>Prepared Exclusively For:</i> NYCDEP-Emergency Response & Tech Assmt. 96-05 Horace Harding Expressway Corona, NY 11368 (718) 595-4650	PEDNEAULT ASSOCIATES, INC. 1615 NINTH AVENUE, BOX 205, BOHEMIA, N.Y. 11716 LAB#: 01100508 PROJECT ID WORLD TRADE CENTER- 5 Boro Sampling MATRIX: AIR\GAS
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m,p-Xylene	0.89	ppb v/v	0.1785	USEPA TO-15	10/29/01
Styrene	0.10	ppb v/v	0.0896	USEPA TO-15	10/29/01
1,1,2,2-Tetrachloroethane	ND	ppb v/v	0.1471	USEPA TO-15	10/29/01
o-Xylene	0.28	ppb v/v	0.0111	USEPA TO-15	10/29/01
1,3,5-Trimethylbenzene	ND	ppb v/v	0.0757	USEPA TO-15	10/29/01
1,2,4-Trimethylbenzene	0.16	ppb v/v	0.1511	USEPA TO-15	10/29/01
1,3-Dichlorobenzene	ND	ppb v/v	0.1564	USEPA TO-15	10/29/01
1,4-Dichlorobenzene	ND	ppb v/v	0.169	USEPA TO-15	10/29/01
1,2-Dichlorobenzene	ND	ppb v/v	0.2014	USEPA TO-15	10/29/01
1,2,4-Trichlorobenzene	ND	ppb v/v	0.1785	USEPA TO-15	10/29/01
Hexachloro-1,3-Butadiene	ND	ppb v/v	0.1976	USEPA TO-15	10/29/01
Tentatively Identified Compounds				USEPA TO-15	10/29/01
Propene	1.49	ppb v/v		USEPA TO-15	10/29/01
2-Methyl propene	0.93	ppb v/v		USEPA TO-15	10/29/01
2-Methyl butane	1.05	ppb v/v		USEPA TO-15	10/29/01

John Pedneault
Lab Director

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NYS ELAP #10224
MWBE #46075

CITY_21MC100_003071388

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Corona, NY 11368

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PEDNEAULT ASSOCIATES, INC.

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

LAB#: 01100508**PROJECT ID** WORLD TRADE CENTER- 5 Boro Sampling**MATRIX:** AIRGAS

COLLECT DATE	DATE RECEIVED	RELEASE DATE		REPORT DATE	
10/28/01 5:15 PM	10/28/01 9:54:00 PM	10/30/01		10/30/01	
SAMPLE ID#: 01100508-003	SAMPLE ORIGIN CENTRAL PARK N. & LENOX , MANHATTAN				
	RESULT	UNITS	M.D.L.	METHOD	ANALYSIS DATE
Dichlorodifluoromethane	0.82	ppb v/v	0.123	USEPA TO-15	10/29/01
Chloromethane	0.80	ppb v/v	0.1037	USEPA TO-15	10/29/01
1,2-Dichlorotetrafluoroethane	ND	ppb v/v	0.2886	USEPA TO-15	10/29/01
Vinyl Chloride	ND	ppb v/v	0.1249	USEPA TO-15	10/29/01
Bromomethane	ND	ppb v/v	0.2418	USEPA TO-15	10/29/01
Chloroethane	ND	ppb v/v	0.2478	USEPA TO-15	10/29/01
Trichlorofluoromethane	0.19	ppb v/v	0.1839	USEPA TO-15	10/29/01
1,1-Dichloroethene	ND	ppb v/v	0.0799	USEPA TO-15	10/29/01
Methylene chloride	ND	ppb v/v	0.1909	USEPA TO-15	10/29/01
Freon 113	ND	ppb v/v	0.161	USEPA TO-15	10/29/01
1,1-Dichloroethane	ND	ppb v/v	0.1398	USEPA TO-15	10/29/01
Methyl-tert-butyl ether	1.31	ppb v/v	0.128	USEPA TO-15	10/29/01
cis-1,2-Dichloroethene	ND	ppb v/v	0.1783	USEPA TO-15	10/29/01
Chloroform	ND	ppb v/v	0.1681	USEPA TO-15	10/29/01
1,2-Dichloroethane	ND	ppb v/v	0.1688	USEPA TO-15	10/29/01
1,1,1-Trichloroethane	ND	ppb v/v	0.0974	USEPA TO-15	10/29/01
Benzene	1.49	ppb v/v	0.1201	USEPA TO-15	10/29/01
Carbon Tetrachloride	ND	ppb v/v	0.0922	USEPA TO-15	10/29/01
1,2-Dichloropropane	ND	ppb v/v	0.1138	USEPA TO-15	10/29/01
Trichloroethene	ND	ppb v/v	0.1329	USEPA TO-15	10/29/01
cis-1,3-Dichloropropene	ND	ppb v/v	0.0924	USEPA TO-15	10/29/01
trans-1,3-Dichloropropene	ND	ppb v/v	0.1222	USEPA TO-15	10/29/01
1,1,2-Trichloroethane	ND	ppb v/v	0.0896	USEPA TO-15	10/29/01
Toluene	1.90	ppb v/v	0.0735	USEPA TO-15	10/29/01
1,2-Dibromoethane	ND	ppb v/v	0.0971	USEPA TO-15	10/29/01
Tetrachloroethene	ND	ppb v/v	0.0845	USEPA TO-15	10/29/01
Chlorobenzene	ND	ppb v/v	0.1343	USEPA TO-15	10/29/01
Ethylbenzene	0.21	ppb v/v	0.0744	USEPA TO-15	10/29/01

John Pedneault
Lab DirectorND=RESULT IS EQUAL TO OR LESS THAN MDL
NR=NON REPORTABLE RESULTSPage 5 of 16
NYS ELAP #10224
MWBE #46075

<i>Prepared Exclusively For:</i> NYCDEP-Emergency Response & Tech Assmt. 96-05 Horace Harding Expressway Corona, NY 11368 (718) 595-4650	PEDNEAULT ASSOCIATES, INC. 1615 NINTH AVENUE, BOX 205, BOHEMIA, N.Y. 11716 LAB#: 01100508 PROJECT ID WORLD TRADE CENTER- 5 Boro Sampling MATRIX: AIR\GAS
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m,p-Xylene	0.80	ppb v/v	0.1785	USEPA TO-15	10/29/01
Styrene	0.10	ppb v/v	0.0896	USEPA TO-15	10/29/01
1,1,2,2-Tetrachloroethane	ND	ppb v/v	0.1471	USEPA TO-15	10/29/01
o-Xylene	0.28	ppb v/v	0.0111	USEPA TO-15	10/29/01
1,3,5-Trimethylbenzene	ND	ppb v/v	0.0757	USEPA TO-15	10/29/01
1,2,4-Trimethylbenzene	0.22	ppb v/v	0.1511	USEPA TO-15	10/29/01
1,3-Dichlorobenzene	ND	ppb v/v	0.1564	USEPA TO-15	10/29/01
1,4-Dichlorobenzene	ND	ppb v/v	0.169	USEPA TO-15	10/29/01
1,2-Dichlorobenzene	ND	ppb v/v	0.2014	USEPA TO-15	10/29/01
1,2,4-Trichlorobenzene	ND	ppb v/v	0.1785	USEPA TO-15	10/29/01
Hexachloro-1,3-Butadiene	ND	ppb v/v	0.1976	USEPA TO-15	10/29/01

John Pedneault
Lab Director

ND=RESULT IS EQUAL TO OR LESS THAN MDL
NR=NON REPORTABLE RESULTS

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NYS ELAP #10224
MWBE #46075

Prepared Exclusively For:

NYCDEP-Emergency Response & Tech Assmt.

96-05 Horace Harding Expressway

Corona, NY 11368

(718) 595-4650

PEDNEAULT ASSOCIATES, INC.

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

LAB#: 01100508**PROJECT ID** WORLD TRADE CENTER- 5 Boro Sampling**MATRIX:** AIR/GAS

COLLECT DATE	DATE RECEIVED	RELEASE DATE	REPORT DATE		
10/28/01 6:40 PM	10/28/01 9:54:00 PM	10/30/01	10/30/01		
SAMPLE ID#: 01100508-004	SAMPLE ORIGIN BERRY ST. & NORTH 11th ST, BROOKLYN				
	RESULT	UNITS	M.D.L.	METHOD	ANALYSIS DATE
Dichlorodifluoromethane	0.60	ppb v/v	0.123	USEPA TO-15	10/29/01
Chloromethane	2.08	ppb v/v	0.1037	USEPA TO-15	10/29/01
1,2-Dichlorotetrafluoroethane	ND	ppb v/v	0.2886	USEPA TO-15	10/29/01
Vinyl Chloride	ND	ppb v/v	0.1249	USEPA TO-15	10/29/01
Bromomethane	ND	ppb v/v	0.2418	USEPA TO-15	10/29/01
Chloroethane	ND	ppb v/v	0.2478	USEPA TO-15	10/29/01
Trichlorofluoromethane	0.20	ppb v/v	0.1839	USEPA TO-15	10/29/01
1,1-Dichloroethene	ND	ppb v/v	0.0799	USEPA TO-15	10/29/01
Methylene chloride	ND	ppb v/v	0.1909	USEPA TO-15	10/29/01
Freon 113	ND	ppb v/v	0.161	USEPA TO-15	10/29/01
1,1-Dichloroethane	ND	ppb v/v	0.1398	USEPA TO-15	10/29/01
Methyl-tert-butyl ether	88.6	ppb v/v	0.128	USEPA TO-15	10/29/01
cis-1,2-Dichloroethene	ND	ppb v/v	0.1783	USEPA TO-15	10/29/01
Chloroform	ND	ppb v/v	0.1681	USEPA TO-15	10/29/01
1,2-Dichloroethane	ND	ppb v/v	0.1688	USEPA TO-15	10/29/01
1,1,1-Trichloroethane	ND	ppb v/v	0.0974	USEPA TO-15	10/29/01
Benzene	5.83	ppb v/v	0.1201	USEPA TO-15	10/29/01
Carbon Tetrachloride	ND	ppb v/v	0.0922	USEPA TO-15	10/29/01
1,2-Dichloropropane	ND	ppb v/v	0.1138	USEPA TO-15	10/29/01
Trichloroethene	ND	ppb v/v	0.1329	USEPA TO-15	10/29/01
cis-1,3-Dichloropropene	ND	ppb v/v	0.0924	USEPA TO-15	10/29/01
trans-1,3-Dichloropropene	ND	ppb v/v	0.1222	USEPA TO-15	10/29/01
1,1,2-Trichloroethane	ND	ppb v/v	0.0896	USEPA TO-15	10/29/01
Toluene	23.4	ppb v/v	0.0735	USEPA TO-15	10/29/01
1,2-Dibromoethane	ND	ppb v/v	0.0971	USEPA TO-15	10/29/01
Tetrachloroethene	ND	ppb v/v	0.0845	USEPA TO-15	10/29/01
Chlorobenzene	ND	ppb v/v	0.1343	USEPA TO-15	10/29/01
Ethylbenzene	3.35	ppb v/v	0.0744	USEPA TO-15	10/29/01

John Pedneault
Lab DirectorND=RESULT IS EQUAL TO OR LESS THAN MDL
NR=NON REPORTABLE RESULTSPage 7 of 16
NYS ELAP #10224
MWBE #46075

CITY_21MC100_003071391

NYC-WTC_000203362

<i>Prepared Exclusively For:</i> NYCDEP-Emergency Response & Tech Assmt. 96-05 Horace Harding Expressway Corona, NY 11368 (718) 595-4650	PEDNEAULT ASSOCIATES, INC. 1615 NINTH AVENUE, BOX 205, BOHEMIA, N.Y. 11716 LAB#: 01100508 PROJECT ID WORLD TRADE CENTER- 5 Boro Sampling MATRIX: AIR/GAS
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m,p-Xylene	9.68	ppb v/v	0.1785	USEPA TO-15	10/29/01
Styrene	0.22	ppb v/v	0.0896	USEPA TO-15	10/29/01
1,1,2,2-Tetrachloroethane	ND	ppb v/v	0.1471	USEPA TO-15	10/29/01
o-Xylene	3.01	ppb v/v	0.0111	USEPA TO-15	10/29/01
1,3,5-Trimethylbenzene	0.79	ppb v/v	0.0757	USEPA TO-15	10/29/01
1,2,4-Trimethylbenzene	1.30	ppb v/v	0.1511	USEPA TO-15	10/29/01
1,3-Dichlorobenzene	ND	ppb v/v	0.1564	USEPA TO-15	10/29/01
1,4-Dichlorobenzene	ND	ppb v/v	0.169	USEPA TO-15	10/29/01
1,2-Dichlorobenzene	ND	ppb v/v	0.2014	USEPA TO-15	10/29/01
1,2,4-Trichlorobenzene	ND	ppb v/v	0.1785	USEPA TO-15	10/29/01
Hexachloro-1,3-Butadiene	ND	ppb v/v	0.1976	USEPA TO-15	10/29/01
Tentatively Identified Compounds				USEPA TO-15	10/29/01
2-Methyl butane	31.9	ppb v/v		USEPA TO-15	10/29/01

John Pedneault
Lab Director

ND=RESULT IS EQUAL TO OR LESS THAN MDL
NR=NON REPORTABLE RESULTS

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NYS ELAP #10224
MWBE #46075

Prepared Exclusively For:

NYCDEP-Emergency Response & Tech Assmt.

96-05 Horace Harding Expressway

Corona, NY 11368

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PEDNEAULT ASSOCIATES, INC.

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

LAB#: 01100508**PROJECT ID** WORLD TRADE CENTER- 5 Boro Sampling**MATRIX:** AIR/GAS

COLLECT DATE	DATE RECEIVED	RELEASE DATE	REPORT DATE		
10/28/01 7:13 PM	10/28/01 9:54:00 PM	10/30/01	10/30/01		
SAMPLE ID#: 01100508-005	SAMPLE ORIGIN ATLANTIC AVE. & SMITH ST., BROOKLYN				
	RESULT	UNITS	M.D.L.	METHOD	ANALYSIS DATE
Dichlorodifluoromethane	0.57	ppb v/v	0.123	USEPA TO-15	10/29/01
Chloromethane	0.76	ppb v/v	0.1037	USEPA TO-15	10/29/01
1,2-Dichlorotetrafluoroethane	ND	ppb v/v	0.2886	USEPA TO-15	10/29/01
Vinyl Chloride	ND	ppb v/v	0.1249	USEPA TO-15	10/29/01
Bromomethane	ND	ppb v/v	0.2418	USEPA TO-15	10/29/01
Chloroethane	ND	ppb v/v	0.2478	USEPA TO-15	10/29/01
Trichlorofluoromethane	ND	ppb v/v	0.1839	USEPA TO-15	10/29/01
1,1-Dichloroethene	ND	ppb v/v	0.0799	USEPA TO-15	10/29/01
Methylene chloride	ND	ppb v/v	0.1909	USEPA TO-15	10/29/01
Freon 113	ND	ppb v/v	0.161	USEPA TO-15	10/29/01
1,1-Dichloroethane	ND	ppb v/v	0.1398	USEPA TO-15	10/29/01
Methyl-tert-butyl ether	0.85	ppb v/v	0.128	USEPA TO-15	10/29/01
cis-1,2-Dichloroethene	ND	ppb v/v	0.1783	USEPA TO-15	10/29/01
Chloroform	ND	ppb v/v	0.1681	USEPA TO-15	10/29/01
1,2-Dichloroethane	ND	ppb v/v	0.1688	USEPA TO-15	10/29/01
1,1,1-Trichloroethane	ND	ppb v/v	0.0974	USEPA TO-15	10/29/01
Benzene	0.24	ppb v/v	0.1201	USEPA TO-15	10/29/01
Carbon Tetrachloride	ND	ppb v/v	0.0922	USEPA TO-15	10/29/01
1,2-Dichloropropane	ND	ppb v/v	0.1138	USEPA TO-15	10/29/01
Trichloroethene	ND	ppb v/v	0.1329	USEPA TO-15	10/29/01
cis-1,3-Dichloropropene	ND	ppb v/v	0.0924	USEPA TO-15	10/29/01
trans-1,3-Dichloropropene	ND	ppb v/v	0.1222	USEPA TO-15	10/29/01
1,1,2-Trichloroethane	ND	ppb v/v	0.0896	USEPA TO-15	10/29/01
Toluene	0.45	ppb v/v	0.0735	USEPA TO-15	10/29/01
1,2-Dibromoethane	ND	ppb v/v	0.0971	USEPA TO-15	10/29/01
Tetrachloroethene	ND	ppb v/v	0.0845	USEPA TO-15	10/29/01
Chlorobenzene	ND	ppb v/v	0.1343	USEPA TO-15	10/29/01
Ethylbenzene	ND	ppb v/v	0.0744	USEPA TO-15	10/29/01

John Pedneault
Lab DirectorND=RESULT IS EQUAL TO OR LESS THAN MDL
NR=NON REPORTABLE RESULTSPage 9 of 16
NYS ELAP #10224
MWBE #46075

CITY_21MC100_003071393

NYC-WTC_000203364

Prepared Exclusively For:

NYCDEP-Emergency Response & Tech Assmt.

96-05 Horace Harding Expressway

Corona, NY 11368

(718) 595-4650

PEDNEAULT ASSOCIATES, INC.

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

LAB#: 01100508**PROJECT ID** WORLD TRADE CENTER- 5 Boro Sampling**MATRIX:** AIR/GAS

m,p-Xylene	0.22	ppb v/v	0.1785	USEPA TO-15	10/29/01
Styrene	ND	ppb v/v	0.0896	USEPA TO-15	10/29/01
1,1,2,2-Tetrachloroethane	ND	ppb v/v	0.1471	USEPA TO-15	10/29/01
o-Xylene	0.07	ppb v/v	0.0111	USEPA TO-15	10/29/01
1,3,5-Trimethylbenzene	ND	ppb v/v	0.0757	USEPA TO-15	10/29/01
1,2,4-Trimethylbenzene	ND	ppb v/v	0.1511	USEPA TO-15	10/29/01
1,3-Dichlorobenzene	ND	ppb v/v	0.1564	USEPA TO-15	10/29/01
1,4-Dichlorobenzene	ND	ppb v/v	0.169	USEPA TO-15	10/29/01
1,2-Dichlorobenzene	ND	ppb v/v	0.2014	USEPA TO-15	10/29/01
1,2,4-Trichlorobenzene	ND	ppb v/v	0.1785	USEPA TO-15	10/29/01
Hexachloro-1,3-Butadiene	ND	ppb v/v	0.1976	USEPA TO-15	10/29/01

John Pedneault
Lab DirectorND=RESULT IS EQUAL TO OR LESS THAN MDL
NR=NON REPORTABLE RESULTSPage 10 of 16
NYS E-AP #10224
MWBE #46075

Prepared Exclusively For:

NYCDEP-Emergency Response & Tech Assmt.

96-05 Horace Harding Expressway

Corona, NY 11368

(718) 595-4650

PEDNEAULT ASSOCIATES, INC.

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

LAB#: 01100508**PROJECT ID** WORLD TRADE CENTER- 5 Boro Sampling**MATRIX:** AIR/GAS

COLLECT DATE	DATE RECEIVED	RELEASE DATE	REPORT DATE		
10/28/01 8:05 PM	10/28/01 9:54:00 PM	10/30/01	10/30/01		
SAMPLE ID#: 01100508-006	SAMPLE ORIGIN BAY ST & VICTORY BLVD., STATEN ISLAND				
	RESULT	UNITS	M.D.L.	METHOD	ANALYSIS DATE
Dichlorodifluoromethane	0.61	ppb v/v	0.123	USEPA TO-15	10/29/01
Chloromethane	0.82	ppb v/v	0.1037	USEPA TO-15	10/29/01
1,2-Dichlorotetrafluoroethane	ND	ppb v/v	0.2886	USEPA TO-15	10/29/01
Vinyl Chloride	ND	ppb v/v	0.1249	USEPA TO-15	10/29/01
Bromomethane	ND	ppb v/v	0.2418	USEPA TO-15	10/29/01
Chloroethane	ND	ppb v/v	0.2478	USEPA TO-15	10/29/01
Trichlorofluoromethane	0.19	ppb v/v	0.1839	USEPA TO-15	10/29/01
1,1-Dichloroethene	ND	ppb v/v	0.0799	USEPA TO-15	10/29/01
Methylene chloride	ND	ppb v/v	0.1909	USEPA TO-15	10/29/01
Freon 113	ND	ppb v/v	0.161	USEPA TO-15	10/29/01
1,1-Dichloroethane	ND	ppb v/v	0.1398	USEPA TO-15	10/29/01
Methyl-tert-butyl ether	1.22	ppb v/v	0.128	USEPA TO-15	10/29/01
cis-1,2-Dichloroethene	ND	ppb v/v	0.1783	USEPA TO-15	10/29/01
Chloroform	ND	ppb v/v	0.1681	USEPA TO-15	10/29/01
1,2-Dichloroethane	ND	ppb v/v	0.1688	USEPA TO-15	10/29/01
1,1,1-Trichloroethane	ND	ppb v/v	0.0974	USEPA TO-15	10/29/01
Benzene	0.24	ppb v/v	0.1201	USEPA TO-15	10/29/01
Carbon Tetrachloride	ND	ppb v/v	0.0922	USEPA TO-15	10/29/01
1,2-Dichloropropane	ND	ppb v/v	0.1138	USEPA TO-15	10/29/01
Trichloroethene	ND	ppb v/v	0.1329	USEPA TO-15	10/29/01
cis-1,3-Dichloropropene	ND	ppb v/v	0.0924	USEPA TO-15	10/29/01
trans-1,3-Dichloropropene	ND	ppb v/v	0.1222	USEPA TO-15	10/29/01
1,1,2-Trichloroethane	ND	ppb v/v	0.0896	USEPA TO-15	10/29/01
Toluene	0.56	ppb v/v	0.0735	USEPA TO-15	10/29/01
1,2-Dibromoethane	ND	ppb v/v	0.0971	USEPA TO-15	10/29/01
Tetrachloroethene	ND	ppb v/v	0.0845	USEPA TO-15	10/29/01
Chlorobenzene	ND	ppb v/v	0.1343	USEPA TO-15	10/29/01
Ethylbenzene	0.09	ppb v/v	0.0744	USEPA TO-15	10/29/01

John Pedneault
Lab DirectorND=RESULT IS EQUAL TO OR LESS THAN MDL
NR=NON REPORTABLE RESULTSPage 11 of 16
NYS E-AP #10224
MWBE #46075

Prepared Exclusively For: NYCDEP-Emergency Response & Tech Assmt. 96-05 Horace Harding Expressway Corona, NY 11368 (718) 595-4650	PEDNEAULT ASSOCIATES, INC. 1615 NINTH AVENUE, BOX 205, BOHEMIA, N.Y. 11716 LAB#: 01100508 PROJECT ID WORLD TRADE CENTER- 5 Boro Sampling MATRIX: AIR\GAS
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m,p-Xylene	0.28	ppb v/v	0.1785	USEPA TO-15	10/29/01
Styrene	ND	ppb v/v	0.0896	USEPA TO-15	10/29/01
1,1,2,2-Tetrachloroethane	ND	ppb v/v	0.1471	USEPA TO-15	10/29/01
o-Xylene	0.10	ppb v/v	0.0111	USEPA TO-15	10/29/01
1,3,5-Trimethylbenzene	ND	ppb v/v	0.0757	USEPA TO-15	10/29/01
1,2,4-Trimethylbenzene	ND	ppb v/v	0.1511	USEPA TO-15	10/29/01
1,3-Dichlorobenzene	ND	ppb v/v	0.1564	USEPA TO-15	10/29/01
1,4-Dichlorobenzene	ND	ppb v/v	0.169	USEPA TO-15	10/29/01
1,2-Dichlorobenzene	ND	ppb v/v	0.2014	USEPA TO-15	10/29/01
1,2,4-Trichlorobenzene	ND	ppb v/v	0.1785	USEPA TO-15	10/29/01
Hexachloro-1,3-Butadiene	ND	ppb v/v	0.1976	USEPA TO-15	10/29/01

John Pedneault
Lab Director

ND=RESULT IS EQUAL TO OR LESS THAN MDL
NR=NON REPORTABLE RESULTS

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NYS ELAP #10224
MWBE #46075

Prepared Exclusively For: NYCDEP-Emergency Response & Tech Assmt. 96-05 Horace Harding Expressway Corona, NY 11368 (718) 595-4650	PEDNEAULT ASSOCIATES, INC. 1615 NINTH AVENUE, BOX 205, BOHEMIA, N.Y. 11716 LAB#: 01100508 PROJECT ID WORLD TRADE CENTER- 5 Boro Sampling MATRIX: AIR\GAS
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COLLECT DATE	DATE RECEIVED	RELEASE DATE	REPORT DATE		
10/28/01 7:13 PM	10/28/01 9:54:00 PM	10/30/01	10/30/01		
SAMPLE ID#: 01100508-007	SAMPLE ORIGIN DUP/-ATLANTIC AVE. & SMITH ST., BROOKLYN				
	RESULT	UNITS	M.D.L.	METHOD	ANALYSIS DATE
Dichlorodifluoromethane	0.66	ppb v/v	0.123	USEPA TO-15	10/29/01
Chloromethane	0.84	ppb v/v	0.1037	USEPA TO-15	10/29/01
1,2-Dichlorotetrafluoroethane	ND	ppb v/v	0.2886	USEPA TO-15	10/29/01
Vinyl Chloride	ND	ppb v/v	0.1249	USEPA TO-15	10/29/01
Bromomethane	ND	ppb v/v	0.2418	USEPA TO-15	10/29/01
Chloroethane	ND	ppb v/v	0.2478	USEPA TO-15	10/29/01
Trichlorofluoromethane	0.19	ppb v/v	0.1839	USEPA TO-15	10/29/01
1,1-Dichloroethene	ND	ppb v/v	0.0799	USEPA TO-15	10/29/01
Methylene chloride	ND	ppb v/v	0.1909	USEPA TO-15	10/29/01
Freon 113	ND	ppb v/v	0.161	USEPA TO-15	10/29/01
1,1-Dichloroethane	ND	ppb v/v	0.1398	USEPA TO-15	10/29/01
Methyl-tert-butyl ether	0.52	ppb v/v	0.128	USEPA TO-15	10/29/01
cis-1,2-Dichloroethene	ND	ppb v/v	0.1783	USEPA TO-15	10/29/01
Chloroform	ND	ppb v/v	0.1681	USEPA TO-15	10/29/01
1,2-Dichloroethane	ND	ppb v/v	0.1688	USEPA TO-15	10/29/01
1,1,1-Trichloroethane	ND	ppb v/v	0.0974	USEPA TO-15	10/29/01
Benzene	0.23	ppb v/v	0.1201	USEPA TO-15	10/29/01
Carbon Tetrachloride	ND	ppb v/v	0.0922	USEPA TO-15	10/29/01
1,2-Dichloropropane	ND	ppb v/v	0.1138	USEPA TO-15	10/29/01
Trichloroethene	ND	ppb v/v	0.1329	USEPA TO-15	10/29/01
cis-1,3-Dichloropropene	ND	ppb v/v	0.0924	USEPA TO-15	10/29/01
trans-1,3-Dichloropropene	ND	ppb v/v	0.1222	USEPA TO-15	10/29/01
1,1,2-Trichloroethane	ND	ppb v/v	0.0896	USEPA TO-15	10/29/01
Toluene	0.44	ppb v/v	0.0735	USEPA TO-15	10/29/01
1,2-Dibromoethane	ND	ppb v/v	0.0971	USEPA TO-15	10/29/01
Tetrachloroethene	ND	ppb v/v	0.0845	USEPA TO-15	10/29/01
Chlorobenzene	ND	ppb v/v	0.1343	USEPA TO-15	10/29/01
Ethylbenzene	0.08	ppb v/v	0.0744	USEPA TO-15	10/29/01

John Pedneault
Lab Director

ND=RESULT IS EQUAL TO OR LESS THAN MDL
NR=NON REPORTABLE RESULTS

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NYS ELAP #10224
MWBE #46075

Prepared Exclusively For: NYCDEP-Emergency Response & Tech Assmt. 96-05 Horace Harding Expressway Corona, NY 11368 (718) 595-4650	PEDNEAULT ASSOCIATES, INC. 1615 NINTH AVENUE, BOX 205, BOHEMIA, N.Y. 11716 LAB#: 01100508 PROJECT ID WORLD TRADE CENTER- 5 Boro Sampling MATRIX: AIR/GAS
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m,p-Xylene	0.22	ppb v/v	0.1785	USEPA TO-15	10/29/01
Styrene	ND	ppb v/v	0.0896	USEPA TO-15	10/29/01
1,1,2,2-Tetrachloroethane	ND	ppb v/v	0.1471	USEPA TO-15	10/29/01
o-Xylene	0.08	ppb v/v	0.0111	USEPA TO-15	10/29/01
1,3,5-Trimethylbenzene	ND	ppb v/v	0.0757	USEPA TO-15	10/29/01
1,2,4-Trimethylbenzene	ND	ppb v/v	0.1511	USEPA TO-15	10/29/01
1,3-Dichlorobenzene	ND	ppb v/v	0.1564	USEPA TO-15	10/29/01
1,4-Dichlorobenzene	ND	ppb v/v	0.169	USEPA TO-15	10/29/01
1,2-Dichlorobenzene	ND	ppb v/v	0.2014	USEPA TO-15	10/29/01
1,2,4-Trichlorobenzene	ND	ppb v/v	0.1785	USEPA TO-15	10/29/01
Hexachloro-1,3-Butadiene	ND	ppb v/v	0.1976	USEPA TO-15	10/29/01

John Pedneault
Lab Director

ND=RESULT IS EQUAL TO OR LESS THAN MDL
NR=NON REPORTABLE RESULTS

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NYS ELAP #10224
MWBE #46075

Prepared Exclusively For:

NYCDEP-Emergency Response & Tech Assmt.
 96-05 Horace Harding Expressway
 Corona, NY 11368
 (718) 595-4650

PEDNEAULT ASSOCIATES, INC.

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

LAB#: 01100508**PROJECT ID** WORLD TRADE CENTER- 5 Boro Sampling**MATRIX:** AIR\GAS

COLLECT DATE	DATE RECEIVED	RELEASE DATE	REPORT DATE		
10/28/01	10/28/01 9:54:00 PM	10/30/01	10/30/01		
SAMPLE ID#: 01100508-008	SAMPLE ORIGIN TRIP BLANKS				
	RESULT	UNITS	M.D.L.	METHOD	ANALYSIS DATE
Dichlorodifluoromethane	ND	ppb v/v	0.123	USEPA TO-15	10/29/01
Chloromethane	ND	ppb v/v	0.1037	USEPA TO-15	10/29/01
1,2-Dichlorotetrafluoroethane	ND	ppb v/v	0.2886	USEPA TO-15	10/29/01
Vinyl Chloride	ND	ppb v/v	0.1249	USEPA TO-15	10/29/01
Bromomethane	ND	ppb v/v	0.2418	USEPA TO-15	10/29/01
Chloroethane	ND	ppb v/v	0.2478	USEPA TO-15	10/29/01
Trichlorofluoromethane	ND	ppb v/v	0.1839	USEPA TO-15	10/29/01
1,1-Dichloroethene	ND	ppb v/v	0.0799	USEPA TO-15	10/29/01
Methylene chloride	ND	ppb v/v	0.1909	USEPA TO-15	10/29/01
Freon 113	ND	ppb v/v	0.161	USEPA TO-15	10/29/01
1,1-Dichloroethane	ND	ppb v/v	0.1398	USEPA TO-15	10/29/01
Methyl-tert-butyl ether	ND	ppb v/v	0.128	USEPA TO-15	10/29/01
cis-1,2-Dichloroethene	ND	ppb v/v	0.1783	USEPA TO-15	10/29/01
Chloroform	ND	ppb v/v	0.1681	USEPA TO-15	10/29/01
1,2-Dichloroethane	ND	ppb v/v	0.1688	USEPA TO-15	10/29/01
1,1,1-Trichloroethane	ND	ppb v/v	0.0974	USEPA TO-15	10/29/01
Benzene	ND	ppb v/v	0.1201	USEPA TO-15	10/29/01
Carbon Tetrachloride	ND	ppb v/v	0.0922	USEPA TO-15	10/29/01
1,2-Dichloropropane	ND	ppb v/v	0.1138	USEPA TO-15	10/29/01
Trichloroethene	ND	ppb v/v	0.1329	USEPA TO-15	10/29/01
cis-1,3-Dichloropropene	ND	ppb v/v	0.0924	USEPA TO-15	10/29/01
trans-1,3-Dichloropropene	ND	ppb v/v	0.1222	USEPA TO-15	10/29/01
1,1,2-Trichloroethane	ND	ppb v/v	0.0896	USEPA TO-15	10/29/01
Toluene	ND	ppb v/v	0.0735	USEPA TO-15	10/29/01
1,2-Dibromoethane	ND	ppb v/v	0.0971	USEPA TO-15	10/29/01
Tetrachloroethene	ND	ppb v/v	0.0845	USEPA TO-15	10/29/01
Chlorobenzene	ND	ppb v/v	0.1343	USEPA TO-15	10/29/01
Ethylbenzene	ND	ppb v/v	0.0744	USEPA TO-15	10/29/01

John Pedneault
 Lab Director

ND=RESULT IS EQUAL TO OR LESS THAN MDL
NR=NON REPORTABLE RESULTS

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 NYS ELAP #10224
 MWBE #46075

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<i>Prepared Exclusively For:</i> NYCDEP-Emergency Response & Tech Assmt. 96-05 Horace Harding Expressway Corona, NY 11368 (718) 595-4650	PEDNEAULT ASSOCIATES, INC. 1615 NINTH AVENUE, BOX 205, BOHEMIA, N.Y. 11716 LAB#: 01100508 PROJECT ID WORLD TRADE CENTER- 5 Boro Sampling MATRIX: AIR/GAS
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m,p-Xylene	ND	ppb v/v	0.1785	USEPA TO-15	10/29/01
Styrene	ND	ppb v/v	0.0896	USEPA TO-15	10/29/01
1,1,2,2-Tetrachloroethane	ND	ppb v/v	0.1471	USEPA TO-15	10/29/01
o-Xylene	ND	ppb v/v	0.0111	USEPA TO-15	10/29/01
1,3,5-Trimethylbenzene	ND	ppb v/v	0.0757	USEPA TO-15	10/29/01
1,2,4-Trimethylbenzene	ND	ppb v/v	0.1511	USEPA TO-15	10/29/01
1,3-Dichlorobenzene	ND	ppb v/v	0.1564	USEPA TO-15	10/29/01
1,4-Dichlorobenzene	ND	ppb v/v	0.169	USEPA TO-15	10/29/01
1,2-Dichlorobenzene	ND	ppb v/v	0.2014	USEPA TO-15	10/29/01
1,2,4-Trichlorobenzene	ND	ppb v/v	0.1785	USEPA TO-15	10/29/01
Hexachloro-1,3-Butadiene	ND	ppb v/v	0.1976	USEPA TO-15	10/29/01

John Pedneault
Lab Director

ND=RESULT IS EQUAL TO OR LESS THAN MDL
NR=NON REPORTABLE RESULTS

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NYS ELAP #10224
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