



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#: 01100307

PROJECT ID WORLD TRADE CENTER- 5 Boro Sampling

MATRIX: AIR/GAS

COLLECT DATE	DATE RECEIVED	RELEASE DATE	REPORT DATE		
10/15/01 5:00 PM	10/15/01 9:45:00 AM	10/17/01	10/17/01		
SAMPLE ID#: 01100307-001	SAMPLE ORIGIN BROADWAY AVE & 31st ST., QUEENS				
	RESULT	UNITS	M.D.L.	METHOD	ANALYSIS DATE
Dichlorodifluoromethane	1.69	ppb v/v	0.123	USEPA TO-15	10/15/01
Chloromethane	1.83	ppb v/v	0.1037	USEPA TO-15	10/15/01
1,2-Dichlorotetrafluoroethane	ND	ppb v/v	0.2886	USEPA TO-15	10/15/01
Vinyl Chloride	ND	ppb v/v	0.1249	USEPA TO-15	10/15/01
Bromomethane	ND	ppb v/v	0.2418	USEPA TO-15	10/15/01
Chloroethane	ND	ppb v/v	0.2478	USEPA TO-15	10/15/01
Trichlorofluoromethane	0.88	ppb v/v	0.1839	USEPA TO-15	10/15/01
1,1-Dichloroethene	ND	ppb v/v	0.0799	USEPA TO-15	10/15/01
Methylene chloride	ND	ppb v/v	0.1909	USEPA TO-15	10/15/01
Freon 113	ND	ppb v/v	0.161	USEPA TO-15	10/15/01
1,1-Dichloroethane	ND	ppb v/v	0.1398	USEPA TO-15	10/15/01
Methyl-tert-butyl ether	10.3	ppb v/v	0.128	USEPA TO-15	10/15/01
cis-1,2-Dichloroethene	ND	ppb v/v	0.1783	USEPA TO-15	10/15/01
Chloroform	ND	ppb v/v	0.1681	USEPA TO-15	10/15/01
1,2-Dichloroethane	ND	ppb v/v	0.1688	USEPA TO-15	10/15/01
1,1,1-Trichloroethane	0.15	ppb v/v	0.0974	USEPA TO-15	10/15/01
Benzene	1.99	ppb v/v	0.1201	USEPA TO-15	10/15/01
Carbon Tetrachloride	0.13	ppb v/v	0.0922	USEPA TO-15	10/15/01
1,2-Dichloropropane	ND	ppb v/v	0.1138	USEPA TO-15	10/15/01
Trichloroethene	ND	ppb v/v	0.1329	USEPA TO-15	10/15/01
cis-1,3-Dichloropropene	ND	ppb v/v	0.0924	USEPA TO-15	10/15/01
trans-1,3-Dichloropropene	ND	ppb v/v	0.1222	USEPA TO-15	10/15/01

John Pedneault
Lab Director

ND=RESULT IS EQUAL TO OR LESS THAN MDL

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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#: 01100307**PROJECT ID WORLD TRADE CENTER- 5 Boro Sampling****MATRIX: AIR/GAS**

1,1,2-Trichloroethane	ND	ppb v/v	0.0896	USEPA TO-15	10/15/01
Toluene	5.71	ppb v/v	0.0735	USEPA TO-15	10/15/01
1,2-Dibromoethane	ND	ppb v/v	0.0971	USEPA TO-15	10/15/01
Tetrachloroethene	0.20	ppb v/v	0.0845	USEPA TO-15	10/15/01
Chlorobenzene	ND	ppb v/v	0.1343	USEPA TO-15	10/15/01
Ethylbenzene	1.02	ppb v/v	0.0744	USEPA TO-15	10/15/01
m,p-Xylene	3.05	ppb v/v	0.1785	USEPA TO-15	10/15/01
Styrene	0.23	ppb v/v	0.0896	USEPA TO-15	10/15/01
1,1,2,2-Tetrachloroethane	ND	ppb v/v	0.1471	USEPA TO-15	10/15/01
o-Xylene	1.11	ppb v/v	0.0111	USEPA TO-15	10/15/01
1,3,5-Trimethylbenzene	0.33	ppb v/v	0.0757	USEPA TO-15	10/15/01
1,2,4-Trimethylbenzene	0.97	ppb v/v	0.1511	USEPA TO-15	10/15/01
1,3-Dichlorobenzene	ND	ppb v/v	0.1564	USEPA TO-15	10/15/01
1,4-Dichlorobenzene	ND	ppb v/v	0.169	USEPA TO-15	10/15/01
1,2-Dichlorobenzene	ND	ppb v/v	0.2014	USEPA TO-15	10/15/01
1,2,4-Trichlorobenzene	ND	ppb v/v	0.1785	USEPA TO-15	10/15/01
Hexachloro-1,3-Butadiene	ND	ppb v/v	0.1976	USEPA TO-15	10/15/01
Tentatively Identified Compounds					10/15/01
Propene	1.84	ppb v/v		USEPA TO-15	10/15/01
2-Methyl-1-propene	1.35	ppb v/v		USEPA TO-15	10/15/01
2-Methyl butane	2.65	ppb v/v		USEPA TO-15	10/15/01
Pentane	1.28	ppb v/v		USEPA TO-15	10/15/01
3-Methyl pentane	0.98	ppb v/v		USEPA TO-15	10/15/01

John Pedneault
Lab Director

ND=RESULT IS EQUAL TO OR LESS THAN MDL

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NYS ELAP #10224
MWBE #46075

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PEDNEAULT ASSOCIATES, INC.

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

LAB#: 01100307**PROJECT ID** WORLD TRADE CENTER- 5 Boro Sampling**MATRIX:** AIR/GAS

COLLECT DATE	DATE RECEIVED	RELEASE DATE	REPORT DATE		
10/15/01 5:45 PM	10/15/01 9:45:00 AM	10/17/01	10/17/01		
SAMPLE ID#: 01100307-002		SAMPLE ORIGIN 138th St. & 3rd AVENUE, BRONX			
	RESULT	UNITS	M.D.L.	METHOD	ANALYSIS DATE
Dichlorodifluoromethane	1.48	ppb v/v	0.123	USEPA TO-15	10/15/01
Chloromethane	1.80	ppb v/v	0.1037	USEPA TO-15	10/15/01
1,2-Dichlorotetrafluoroethane	ND	ppb v/v	0.2886	USEPA TO-15	10/15/01
Vinyl Chloride	ND	ppb v/v	0.1249	USEPA TO-15	10/15/01
Bromomethane	ND	ppb v/v	0.2418	USEPA TO-15	10/15/01
Chloroethane	ND	ppb v/v	0.2478	USEPA TO-15	10/15/01
Trichlorofluoromethane	0.80	ppb v/v	0.1839	USEPA TO-15	10/15/01
1,1-Dichloroethane	ND	ppb v/v	0.0799	USEPA TO-15	10/15/01
Methylene chloride	ND	ppb v/v	0.1909	USEPA TO-15	10/15/01
Freon 113	ND	ppb v/v	0.161	USEPA TO-15	10/15/01
1,1-Dichloroethane	ND	ppb v/v	0.1398	USEPA TO-15	10/15/01
Methyl-tert-butyl ether	5.10	ppb v/v	0.128	USEPA TO-15	10/15/01
cis-1,2-Dichloroethene	ND	ppb v/v	0.1783	USEPA TO-15	10/15/01
Chloroform	ND	ppb v/v	0.1681	USEPA TO-15	10/15/01
1,2-Dichloroethane	ND	ppb v/v	0.1688	USEPA TO-15	10/15/01
1,1,1-Trichloroethane	ND	ppb v/v	0.0974	USEPA TO-15	10/15/01
Benzene	0.84	ppb v/v	0.1201	USEPA TO-15	10/15/01
Carbon Tetrachloride	0.10	ppb v/v	0.0922	USEPA TO-15	10/15/01
1,2-Dichloropropane	ND	ppb v/v	0.1138	USEPA TO-15	10/15/01
Trichloroethene	ND	ppb v/v	0.1329	USEPA TO-15	10/15/01
cis-1,3-Dichloropropene	ND	ppb v/v	0.0924	USEPA TO-15	10/15/01
trans-1,3-Dichloropropene	ND	ppb v/v	0.1222	USEPA TO-15	10/15/01
1,1,2-Trichloroethane	ND	ppb v/v	0.0896	USEPA TO-15	10/15/01
Toluene	1.98	ppb v/v	0.0735	USEPA TO-15	10/15/01
1,2-Dibromoethane	ND	ppb v/v	0.0971	USEPA TO-15	10/15/01
Tetrachloroethene	0.11	ppb v/v	0.0845	USEPA TO-15	10/15/01
Chlorobenzene	ND	ppb v/v	0.1343	USEPA TO-15	10/15/01
Ethylbenzene	0.33	ppb v/v	0.0744	USEPA TO-15	10/15/01

John Pedneault
Lab Director

ND=RESULT IS EQUAL TO OR LESS THAN MDL

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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#: 01100307 PROJECT ID WORLD TRADE CENTER- 5 Boro Sampling MATRIX: AIR/GAS
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m,p-Xylene	1.00	ppb v/v	0.1785	USEPA TO-15	10/15/01
Styrene	ND	ppb v/v	0.0896	USEPA TO-15	10/15/01
1,1,2,2-Tetrachloroethane	ND	ppb v/v	0.1471	USEPA TO-15	10/15/01
o-Xylene	0.38	ppb v/v	0.0111	USEPA TO-15	10/15/01
1,3,5-Trimethylbenzene	0.09	ppb v/v	0.0757	USEPA TO-15	10/15/01
1,2,4-Trimethylbenzene	ND	ppb v/v	0.1511	USEPA TO-15	10/15/01
1,3-Dichlorobenzene	ND	ppb v/v	0.1564	USEPA TO-15	10/15/01
1,4-Dichlorobenzene	ND	ppb v/v	0.169	USEPA TO-15	10/15/01
1,2-Dichlorobenzene	ND	ppb v/v	0.2014	USEPA TO-15	10/15/01
1,2,4-Trichlorobenzene	ND	ppb v/v	0.1785	USEPA TO-15	10/15/01
Hexachloro-1,3-Butadiene	ND	ppb v/v	0.1976	USEPA TO-15	10/15/01
Tentatively Identified Compounds					10/15/01
Butane	1.04	ppb v/v		USEPA TO-15	10/15/01
2-Methyl butane	1.91	ppb v/v		USEPA TO-15	10/15/01
Pentane	0.94	ppb v/v		USEPA TO-15	10/15/01

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Lab Director

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NYS ELAP #10224
MWBE #46075

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96-05 Horace Harding Expressway
Corona, NY 11368
(718) 595-4650

PEDNEAULT ASSOCIATES, INC.

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

LAB#: 01100307**PROJECT ID** WORLD TRADE CENTER- 5 Boro Sampling**MATRIX:** AIR/GAS

COLLECT DATE	DATE RECEIVED	RELEASE DATE	REPORT DATE		
10/15/01 6:15 PM	10/15/01 9:45:00 AM	10/17/01	10/17/01		
SAMPLE ID#: 01100307-003					
SAMPLE ORIGIN CENTAL PARK N. & LENOX , MANHATTAN					
RESULT	UNITS	M.D.L.	METHOD	ANALYSIS DATE	
Dichlorodifluoromethane	1.24	ppb v/v	0.123	USEPA TO-15	10/16/01
Chloromethane	1.60	ppb v/v	0.1037	USEPA TO-15	10/16/01
1,2-Dichlorotetrafluoroethane	ND	ppb v/v	0.2886	USEPA TO-15	10/16/01
Vinyl Chloride	ND	ppb v/v	0.1249	USEPA TO-15	10/16/01
Bromomethane	ND	ppb v/v	0.2418	USEPA TO-15	10/16/01
Chloroethane	ND	ppb v/v	0.2478	USEPA TO-15	10/16/01
Trichlorofluoromethane	0.66	ppb v/v	0.1839	USEPA TO-15	10/16/01
1,1-Dichloroethene	ND	ppb v/v	0.0799	USEPA TO-15	10/16/01
Methylene chloride	ND	ppb v/v	0.1909	USEPA TO-15	10/16/01
Freon 113	ND	ppb v/v	0.161	USEPA TO-15	10/16/01
1,1-Dichloroethane	ND	ppb v/v	0.1398	USEPA TO-15	10/16/01
Methyl-tert-butyl ether	4.71	ppb v/v	0.128	USEPA TO-15	10/16/01
cis-1,2-Dichloroethene	ND	ppb v/v	0.1783	USEPA TO-15	10/16/01
Chloroform	ND	ppb v/v	0.1681	USEPA TO-15	10/16/01
1,2-Dichloroethane	ND	ppb v/v	0.1688	USEPA TO-15	10/16/01
1,1,1-Trichloroethane	ND	ppb v/v	0.0974	USEPA TO-15	10/16/01
Benzene	1.28	ppb v/v	0.1201	USEPA TO-15	10/16/01
Carbon Tetrachloride	0.11	ppb v/v	0.0922	USEPA TO-15	10/16/01
1,2-Dichloropropane	ND	ppb v/v	0.1138	USEPA TO-15	10/16/01
Trichloroethene	ND	ppb v/v	0.1329	USEPA TO-15	10/16/01
cis-1,3-Dichloropropene	ND	ppb v/v	0.0924	USEPA TO-15	10/16/01
trans-1,3-Dichloropropene	ND	ppb v/v	0.1222	USEPA TO-15	10/16/01
1,1,2-Trichloroethane	ND	ppb v/v	0.0896	USEPA TO-15	10/16/01
Toluene	2.91	ppb v/v	0.0735	USEPA TO-15	10/16/01
1,2-Dibromoethane	ND	ppb v/v	0.0971	USEPA TO-15	10/16/01
Tetrachloroethene	0.23	ppb v/v	0.0845	USEPA TO-15	10/16/01
Chlorobenzene	ND	ppb v/v	0.1343	USEPA TO-15	10/16/01
Ethylbenzene	0.49	ppb v/v	0.0744	USEPA TO-15	10/16/01

John Pedneault
Lab Director

ND=RESULT IS EQUAL TO OR LESS THAN MDL

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NYS ELAP #10224
MWBE #46075

<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>PEDNEAULT ASSOCIATES, INC.</p> <p>1615 NINTH AVENUE, BOX 205, BOHEMIA, N.Y. 11716</p> <p>LAB#: 01100307</p> <p>PROJECT ID WORLD TRADE CENTER- 5 Boro Sampling</p> <p>MATRIX: AIR/GAS</p>
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m,p-Xylene	1.39	ppb v/v	0.1785	USEPA TO-15	10/16/01
Styrene	0.12	ppb v/v	0.0896	USEPA TO-15	10/16/01
1,1,2,2-Tetrachloroethane	ND	ppb v/v	0.1471	USEPA TO-15	10/16/01
o-Xylene	0.50	ppb v/v	0.0111	USEPA TO-15	10/16/01
1,3,5-Trimethylbenzene	0.15	ppb v/v	0.0757	USEPA TO-15	10/16/01
1,2,4-Trimethylbenzene	0.43	ppb v/v	0.1511	USEPA TO-15	10/16/01
1,3-Dichlorobenzene	ND	ppb v/v	0.1564	USEPA TO-15	10/16/01
1,4-Dichlorobenzene	ND	ppb v/v	0.169	USEPA TO-15	10/16/01
1,2-Dichlorobenzene	ND	ppb v/v	0.2014	USEPA TO-15	10/16/01
1,2,4-Trichlorobenzene	ND	ppb v/v	0.1785	USEPA TO-15	10/16/01
Hexachloro-1,3-Butadiene	ND	ppb v/v	0.1976	USEPA TO-15	10/16/01
Tentatively Identified Compounds					10/16/01
2-Methyl butane	1.53	ppb v/v		USEPA TO-15	10/16/01
2-Methyl Pentane	2.59	ppb v/v		USEPA TO-15	10/16/01

John Pedneault
Lab Director

ND=RESULT IS EQUAL TO OR LESS THAN MDL

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NYS ELAP #10224
MWBE #48075

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#: 01100307**PROJECT ID** WORLD TRADE CENTER- 5 Boro Sampling**MATRIX:** AIR/GAS

COLLECT DATE	DATE RECEIVED	RELEASE DATE	REPORT DATE		
10/15/01 7:15 PM	10/15/01 9:45:00 AM	10/17/01	10/17/01		
SAMPLE ID#: 01100307-004					
SAMPLE ORIGIN BERRY ST. & NORTH 11th ST, BROOKLYN					
RESULT	UNITS	M.D.L.	METHOD	ANALYSIS DATE	
Dichlorodifluoromethane	1.36	ppb v/v	0.123	USEPA TO-15	10/16/01
Chloromethane	1.69	ppb v/v	0.1037	USEPA TO-15	10/16/01
1,2-Dichlorotetrafluoroethane	ND	ppb v/v	0.2886	USEPA TO-15	10/16/01
Vinyl Chloride	ND	ppb v/v	0.1249	USEPA TO-15	10/16/01
Bromomethane	ND	ppb v/v	0.2418	USEPA TO-15	10/16/01
Chloroethane	ND	ppb v/v	0.2478	USEPA TO-15	10/16/01
Trichlorofluoromethane	0.65	ppb v/v	0.1839	USEPA TO-15	10/16/01
1,1-Dichloroethene	ND	ppb v/v	0.0799	USEPA TO-15	10/16/01
Methylene chloride	ND	ppb v/v	0.1909	USEPA TO-15	10/16/01
Freon 113	ND	ppb v/v	0.161	USEPA TO-15	10/16/01
1,1-Dichloroethane	ND	ppb v/v	0.1398	USEPA TO-15	10/16/01
Methyl-tert-butyl ether	1.42	ppb v/v	0.128	USEPA TO-15	10/16/01
cis-1,2-Dichloroethene	ND	ppb v/v	0.1783	USEPA TO-15	10/16/01
Chloroform	ND	ppb v/v	0.1681	USEPA TO-15	10/16/01
1,2-Dichloroethane	ND	ppb v/v	0.1688	USEPA TO-15	10/16/01
1,1,1-Trichloroethane	0.12	ppb v/v	0.0974	USEPA TO-15	10/16/01
Benzene	0.47	ppb v/v	0.1201	USEPA TO-15	10/16/01
Carbon Tetrachloride	0.12	ppb v/v	0.0922	USEPA TO-15	10/16/01
1,2-Dichloropropane	ND	ppb v/v	0.1138	USEPA TO-15	10/16/01
Trichloroethene	ND	ppb v/v	0.1329	USEPA TO-15	10/16/01
cis-1,3-Dichloropropene	ND	ppb v/v	0.0924	USEPA TO-15	10/16/01
trans-1,3-Dichloropropene	ND	ppb v/v	0.1222	USEPA TO-15	10/16/01
1,1,2-Trichloroethane	ND	ppb v/v	0.0896	USEPA TO-15	10/16/01
Toluene	2.24	ppb v/v	0.0735	USEPA TO-15	10/16/01
1,2-Dibromoethane	ND	ppb v/v	0.0971	USEPA TO-15	10/16/01
Tetrachloroethene	ND	ppb v/v	0.0845	USEPA TO-15	10/16/01
Chlorobenzene	ND	ppb v/v	0.1343	USEPA TO-15	10/16/01
Ethylbenzene	0.26	ppb v/v	0.0744	USEPA TO-15	10/16/01

John Pedneault
Lab Director

ND=RESULT IS EQUAL TO OR LESS THAN MDL

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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#: 01100307 PROJECT ID WORLD TRADE CENTER- 5 Boro Sampling MATRIX: AIR\GAS
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m,p-Xylene	0.73	ppb v/v	0.1785	USEPA TO-15	10/16/01
Styrene	0.10	ppb v/v	0.0896	USEPA TO-15	10/16/01
1,1,2,2-Tetrachloroethane	ND	ppb v/v	0.1471	USEPA TO-15	10/16/01
o-Xylene	0.26	ppb v/v	0.0111	USEPA TO-15	10/16/01
1,3,5-Trimethylbenzene	0.11	ppb v/v	0.0757	USEPA TO-15	10/16/01
1,2,4-Trimethylbenzene	0.29	ppb v/v	0.1511	USEPA TO-15	10/16/01
1,3-Dichlorobenzene	ND	ppb v/v	0.1564	USEPA TO-15	10/16/01
1,4-Dichlorobenzene	ND	ppb v/v	0.169	USEPA TO-15	10/16/01
1,2-Dichlorobenzene	ND	ppb v/v	0.2014	USEPA TO-15	10/16/01
1,2,4-Trichlorobenzene	ND	ppb v/v	0.1785	USEPA TO-15	10/16/01
Hexachloro-1,3-Butadiene	ND	ppb v/v	0.1976	USEPA TO-15	10/16/01
Tentatively Identified Compounds					10/16/01
Octane	0.91	ppb v/v		USEPA TO-15	10/16/01

John Padneault
Lab Director

ND=RESULT IS EQUAL TO OR LESS THAN MDL

Page 8 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#: 01100307**PROJECT ID** WORLD TRADE CENTER- 5 Boro Sampling**MATRIX:** AIRGAS

COLLECT DATE	DATE RECEIVED	RELEASE DATE	REPORT DATE		
10/15/01 8:15 PM	10/15/01 9:45:00 AM	10/17/01	10/17/01		
SAMPLE ID#: 01100307-005					
SAMPLE ORIGIN ATLANTIC AVE. & SMITH ST., BROOKLYN					
RESULT	UNITS	M.D.L.	METHOD	ANALYSIS DATE	
Dichlorodifluoromethane	0.77	ppb v/v	0.123	USEPA TO-15	10/16/01
Chloromethane	0.64	ppb v/v	0.1037	USEPA TO-15	10/16/01
1,2-Dichlorotetrafluoroethane	ND	ppb v/v	0.2886	USEPA TO-15	10/16/01
Vinyl Chloride	ND	ppb v/v	0.1249	USEPA TO-15	10/16/01
Bromomethane	ND	ppb v/v	0.2418	USEPA TO-15	10/16/01
Chloroethane	ND	ppb v/v	0.2478	USEPA TO-15	10/16/01
Trichlorofluoromethane	0.34	ppb v/v	0.1839	USEPA TO-15	10/16/01
1,1-Dichloroethene	ND	ppb v/v	0.0799	USEPA TO-15	10/16/01
Methylene chloride	ND	ppb v/v	0.1909	USEPA TO-15	10/16/01
Freon 113	ND	ppb v/v	0.161	USEPA TO-15	10/16/01
1,1-Dichloroethane	ND	ppb v/v	0.1398	USEPA TO-15	10/16/01
Methyl-tert-butyl ether	11.0	ppb v/v	0.128	USEPA TO-15	10/16/01
cis-1,2-Dichloroethene	ND	ppb v/v	0.1783	USEPA TO-15	10/16/01
Chloroform	ND	ppb v/v	0.1681	USEPA TO-15	10/16/01
1,2-Dichloroethane	ND	ppb v/v	0.1688	USEPA TO-15	10/16/01
1,1,1-Trichloroethane	ND	ppb v/v	0.0974	USEPA TO-15	10/16/01
Benzene	2.50	ppb v/v	0.1201	USEPA TO-15	10/16/01
Carbon Tetrachloride	0.13	ppb v/v	0.0922	USEPA TO-15	10/16/01
1,2-Dichloropropane	ND	ppb v/v	0.1138	USEPA TO-15	10/16/01
Trichloroethene	ND	ppb v/v	0.1329	USEPA TO-15	10/16/01
cis-1,3-Dichloropropene	ND	ppb v/v	0.0924	USEPA TO-15	10/16/01
trans-1,3-Dichloropropene	ND	ppb v/v	0.1222	USEPA TO-15	10/16/01
1,1,2-Trichloroethane	ND	ppb v/v	0.0896	USEPA TO-15	10/16/01
Toluene	8.35	ppb v/v	0.0735	USEPA TO-15	10/16/01
1,2-Dibromoethane	ND	ppb v/v	0.0971	USEPA TO-15	10/16/01
Tetrachloroethene	0.10	ppb v/v	0.0845	USEPA TO-15	10/16/01
Chlorobenzene	ND	ppb v/v	0.1343	USEPA TO-15	10/16/01
Ethylbenzene	1.35	ppb v/v	0.0744	USEPA TO-15	10/16/01

John Pedneault
Lab Director

ND=RESULT IS EQUAL TO OR LESS THAN MDL

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PEDNEAULT ASSOCIATES

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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#: 01100307 PROJECT ID WORLD TRADE CENTER- 5 Boro Sampling MATRIX: AIR\GAS
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m,p-Xylene	4.29	ppb v/v	0.1785	USEPA TO-15	10/16/01
Styrene	0.25	ppb v/v	0.0896	USEPA TO-15	10/16/01
1,1,2,2-Tetrachloroethane	ND	ppb v/v	0.1471	USEPA TO-15	10/16/01
o-Xylene	1.67	ppb v/v	0.0111	USEPA TO-15	10/16/01
1,3,5-Trimethylbenzene	0.77	ppb v/v	0.0757	USEPA TO-15	10/16/01
1,2,4-Trimethylbenzene	2.35	ppb v/v	0.1511	USEPA TO-15	10/16/01
1,3-Dichlorobenzene	ND	ppb v/v	0.1564	USEPA TO-15	10/16/01
1,4-Dichlorobenzene	ND	ppb v/v	0.169	USEPA TO-15	10/16/01
1,2-Dichlorobenzene	ND	ppb v/v	0.2014	USEPA TO-15	10/16/01
1,2,4-Trichlorobenzene	ND	ppb v/v	0.1785	USEPA TO-15	10/16/01
Hexachloro-1,3-Butadiene	ND	ppb v/v	0.1976	USEPA TO-15	10/16/01
Tentatively Identified Compounds					10/16/01
Isobutane	1.88	ppb v/v		USEPA TO-15	10/16/01
2-Methyl-1-propene	1.17	ppb v/v		USEPA TO-15	10/16/01
Butane	2.88	ppb v/v		USEPA TO-15	10/16/01
2-Methyl butane	5.32	ppb v/v		USEPA TO-15	10/16/01
Pentane	1.98	ppb v/v		USEPA TO-15	10/16/01
1,1-Dimethylcyclopropane	0.91	ppb v/v		USEPA TO-15	10/16/01
Isopropyl alcohol	1.21	ppb v/v		USEPA TO-15	10/16/01
2-Methyl Pentane	2.06	ppb v/v		USEPA TO-15	10/16/01
3-Methyl pentane	1.01	ppb v/v		USEPA TO-15	10/16/01
2,2,4-Trimethyl Pentane	1.61	ppb v/v		USEPA TO-15	10/16/01

John Pedneault
Lab Director

ND=RESULT IS EQUAL TO OR LESS THAN MDL

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NYS ELAP #10224
MWBE #46075

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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#: 01100307**PROJECT ID** WORLD TRADE CENTER- 5 Boro Sampling**MATRIX:** AIR/GAS

COLLECT DATE	DATE RECEIVED	RELEASE DATE	REPORT DATE		
10/15/01 9:00 PM	10/15/01 9:45:00 AM	10/17/01	10/17/01		
SAMPLE ID#: 01100307-006	SAMPLE ORIGIN BAY ST & VICTORY BLVD., STATEN ISLAND				
	RESULT	UNITS	M.D.L.	METHOD	ANALYSIS DATE
Dichlorodifluoromethane	0.77	ppb v/v	0.123	USEPA TO-15	10/16/01
Chloromethane	0.82	ppb v/v	0.1037	USEPA TO-15	10/16/01
1,2-Dichlorotetrafluoroethane	ND	ppb v/v	0.2886	USEPA TO-15	10/16/01
Vinyl Chloride	ND	ppb v/v	0.1249	USEPA TO-15	10/16/01
Bromomethane	ND	ppb v/v	0.2418	USEPA TO-15	10/16/01
Chloroethane	ND	ppb v/v	0.2478	USEPA TO-15	10/16/01
Trichlorofluoromethane	0.32	ppb v/v	0.1839	USEPA TO-15	10/16/01
1,1-Dichloroethene	ND	ppb v/v	0.0799	USEPA TO-15	10/16/01
Methylene chloride	ND	ppb v/v	0.1909	USEPA TO-15	10/16/01
Freon 113	ND	ppb v/v	0.161	USEPA TO-15	10/16/01
1,1-Dichloroethane	ND	ppb v/v	0.1398	USEPA TO-15	10/16/01
Methyl-tert-butyl ether	ND	ppb v/v	0.128	USEPA TO-15	10/16/01
cis-1,2-Dichloroethene	ND	ppb v/v	0.1783	USEPA TO-15	10/16/01
Chloroform	ND	ppb v/v	0.1681	USEPA TO-15	10/16/01
1,2-Dichloroethane	ND	ppb v/v	0.1888	USEPA TO-15	10/16/01
1,1,1-Trichloroethane	ND	ppb v/v	0.0974	USEPA TO-15	10/16/01
Benzene	3.24	ppb v/v	0.1201	USEPA TO-15	10/16/01
Carbon Tetrachloride	0.13	ppb v/v	0.0922	USEPA TO-15	10/16/01
1,2-Dichloropropane	ND	ppb v/v	0.1138	USEPA TO-15	10/16/01
Trichloroethene	ND	ppb v/v	0.1329	USEPA TO-15	10/16/01
cis-1,3-Dichloropropene	ND	ppb v/v	0.0924	USEPA TO-15	10/16/01
trans-1,3-Dichloropropene	ND	ppb v/v	0.1222	USEPA TO-15	10/16/01
1,1,2-Trichloroethane	ND	ppb v/v	0.0896	USEPA TO-15	10/16/01
Toluene	6.20	ppb v/v	0.0735	USEPA TO-15	10/16/01
1,2-Dibromoethane	ND	ppb v/v	0.0971	USEPA TO-15	10/16/01
Tetrachloroethene	0.13	ppb v/v	0.0845	USEPA TO-15	10/16/01
Chlorobenzene	ND	ppb v/v	0.1343	USEPA TO-15	10/16/01
Ethylbenzene	0.94	ppb v/v	0.0744	USEPA TO-15	10/16/01

John Pedneault
Lab Director

ND=RESULT IS EQUAL TO OR LESS THAN MDL

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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#: 01100307 PROJECT ID WORLD TRADE CENTER- 5 Boro Sampling MATRIX: AIR/GAS
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m,p-Xylene	2.74	ppb v/v	0.1785	USEPA TO-15	10/16/01
Styrene	0.33	ppb v/v	0.0896	USEPA TO-15	10/16/01
1,1,2,2-Tetrachloroethane	ND	ppb v/v	0.1471	USEPA TO-15	10/16/01
o-Xylene	0.93	ppb v/v	0.0111	USEPA TO-15	10/16/01
1,3,5-Trimethylbenzene	0.39	ppb v/v	0.0757	USEPA TO-15	10/16/01
1,2,4-Trimethylbenzene	1.14	ppb v/v	0.1511	USEPA TO-15	10/16/01
1,3-Dichlorobenzene	ND	ppb v/v	0.1564	USEPA TO-15	10/16/01
1,4-Dichlorobenzene	ND	ppb v/v	0.169	USEPA TO-15	10/16/01
1,2-Dichlorobenzene	ND	ppb v/v	0.2014	USEPA TO-15	10/16/01
1,2,4-Trichlorobenzene	ND	ppb v/v	0.1785	USEPA TO-15	10/16/01
Hexachloro-1,3-Butadiene	ND	ppb v/v	0.1976	USEPA TO-15	10/16/01
Tentatively Identified Compounds					10/16/01
2,5-Dihydrofuran	1.63	ppb v/v		USEPA TO-15	10/16/01
2-Methyl-1-propene	1.14	ppb v/v		USEPA TO-15	10/16/01
Butane	2.05	ppb v/v		USEPA TO-15	10/16/01
2-Methyl butane	3.09	ppb v/v		USEPA TO-15	10/16/01
Pentane	1.10	ppb v/v		USEPA TO-15	10/16/01
2-Methyl Pentane	0.94	ppb v/v		USEPA TO-15	10/16/01

John Pedneault
Lab Director

ND=RESULT IS EQUAL TO OR LESS THAN MDL

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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#: 01100307 PROJECT ID WORLD TRADE CENTER- 5 Boro Sampling MATRIX: AIRGAS
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COLLECT DATE	DATE RECEIVED	RELEASE DATE	REPORT DATE		
10/15/01 3:30 PM	10/15/01 9:45:00 AM	10/17/01	10/17/01		
SAMPLE ID#: 01100307-007	SAMPLE ORIGIN TRIP BLANKS				
	RESULT	UNITS	M.D.L.	METHOD	ANALYSIS DATE
Dichlorodifluoromethane	ND	ppb v/v	0.123	USEPA TO-15	10/16/01
Chloromethane	ND	ppb v/v	0.1037	USEPA TO-15	10/16/01
1,2-Dichlorotetrafluoroethane	ND	ppb v/v	0.2886	USEPA TO-15	10/16/01
Vinyl Chloride	ND	ppb v/v	0.1249	USEPA TO-15	10/16/01
Bromomethane	ND	ppb v/v	0.2418	USEPA TO-15	10/16/01
Chloroethane	ND	ppb v/v	0.2478	USEPA TO-15	10/16/01
Trichlorofluoromethane	ND	ppb v/v	0.1839	USEPA TO-15	10/16/01
1,1-Dichloroethene	ND	ppb v/v	0.0799	USEPA TO-15	10/16/01
Methylene chloride	ND	ppb v/v	0.1909	USEPA TO-15	10/16/01
Freon 113	ND	ppb v/v	0.161	USEPA TO-15	10/16/01
1,1-Dichloroethane	ND	ppb v/v	0.1398	USEPA TO-15	10/16/01
Methyl-tert-butyl ether	ND	ppb v/v	0.128	USEPA TO-15	10/16/01
cis-1,2-Dichloroethene	ND	ppb v/v	0.1783	USEPA TO-15	10/16/01
Chloroform	ND	ppb v/v	0.1681	USEPA TO-15	10/16/01
1,2-Dichloroethane	ND	ppb v/v	0.1688	USEPA TO-15	10/16/01
1,1,1-Trichloroethane	ND	ppb v/v	0.0974	USEPA TO-15	10/16/01
Benzene	ND	ppb v/v	0.1201	USEPA TO-15	10/16/01
Carbon Tetrachloride	ND	ppb v/v	0.0922	USEPA TO-15	10/16/01
1,2-Dichloropropane	ND	ppb v/v	0.1138	USEPA TO-15	10/16/01
Trichloroethene	ND	ppb v/v	0.1329	USEPA TO-15	10/16/01
cis-1,3-Dichloropropene	ND	ppb v/v	0.0924	USEPA TO-15	10/16/01
trans-1,3-Dichloropropene	ND	ppb v/v	0.1222	USEPA TO-15	10/16/01
1,1,2-Trichloroethane	ND	ppb v/v	0.0896	USEPA TO-15	10/16/01
Toluene	ND	ppb v/v	0.0735	USEPA TO-15	10/16/01
1,2-Dibromoethane	ND	ppb v/v	0.0971	USEPA TO-15	10/16/01
Tetrachloroethene	ND	ppb v/v	0.0845	USEPA TO-15	10/16/01
Chlorobenzene	ND	ppb v/v	0.1343	USEPA TO-15	10/16/01
Ethylbenzene	ND	ppb v/v	0.0744	USEPA TO-15	10/16/01

John Pedneault
Lab Director

ND=RESULT IS EQUAL TO OR LESS THAN MDL

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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#: 01100307 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	10/16/01
Styrene	ND	ppb v/v	0.0896	USEPA TO-15	10/16/01
1,1,2,2-Tetrachloroethane	ND	ppb v/v	0.1471	USEPA TO-15	10/16/01
o-Xylene	ND	ppb v/v	0.0111	USEPA TO-15	10/16/01
1,3,5-Trimethylbenzene	ND	ppb v/v	0.0757	USEPA TO-15	10/16/01
1,2,4-Trimethylbenzene	ND	ppb v/v	0.1511	USEPA TO-15	10/16/01
1,3-Dichlorobenzene	ND	ppb v/v	0.1564	USEPA TO-15	10/16/01
1,4-Dichlorobenzene	ND	ppb v/v	0.169	USEPA TO-15	10/16/01
1,2-Dichlorobenzene	ND	ppb v/v	0.2014	USEPA TO-15	10/16/01
1,2,4-Trichlorobenzene	ND	ppb v/v	0.1785	USEPA TO-15	10/16/01
Hexachloro-1,3-Butadiene	ND	ppb v/v	0.1976	USEPA TO-15	10/16/01

John Pedneault
Lab Director

ND=RESULT IS EQUAL TO OR LESS THAN MDL

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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#: 01100307**PROJECT ID** WORLD TRADE CENTER- 5 Boro Sampling**MATRIX:** AIR/GAS

COLLECT DATE	DATE RECEIVED	RELEASE DATE	REPORT DATE		
10/15/01 7:15 PM	10/15/01 9:45:00 AM	10/17/01	10/17/01		
SAMPLE ID#: 01100307-008	SAMPLE ORIGIN BERRY & N 11th ST/DUPLICATE				
	RESULT	UNITS	M.D.L.	METHOD	ANALYSIS DATE
Dichlorodifluoromethane	0.84	ppb v/v	0.123	USEPA TO-15	10/16/01
Chloromethane	1.28	ppb v/v	0.1037	USEPA TO-15	10/16/01
1,2-Dichlorotetrafluoroethane	ND	ppb v/v	0.2886	USEPA TO-15	10/16/01
Vinyl Chloride	ND	ppb v/v	0.1249	USEPA TO-15	10/16/01
Bromomethane	ND	ppb v/v	0.2418	USEPA TO-15	10/16/01
Chloroethane	ND	ppb v/v	0.2478	USEPA TO-15	10/16/01
Trichlorofluoromethane	0.32	ppb v/v	0.1839	USEPA TO-15	10/16/01
1,1-Dichloroethane	ND	ppb v/v	0.0799	USEPA TO-15	10/16/01
Methylene chloride	ND	ppb v/v	0.1909	USEPA TO-15	10/16/01
Freon 113	ND	ppb v/v	0.161	USEPA TO-15	10/16/01
1,1-Dichloroethane	ND	ppb v/v	0.1398	USEPA TO-15	10/16/01
Methyl-tert-butyl ether	0.73	ppb v/v	0.128	USEPA TO-15	10/16/01
cis-1,2-Dichloroethene	ND	ppb v/v	0.1783	USEPA TO-15	10/16/01
Chloroform	ND	ppb v/v	0.1681	USEPA TO-15	10/16/01
1,2-Dichloroethane	ND	ppb v/v	0.1688	USEPA TO-15	10/16/01
1,1,1-Trichloroethane	ND	ppb v/v	0.0974	USEPA TO-15	10/16/01
Benzene	0.51	ppb v/v	0.1201	USEPA TO-15	10/16/01
Carbon Tetrachloride	0.11	ppb v/v	0.0922	USEPA TO-15	10/16/01
1,2-Dichloropropane	ND	ppb v/v	0.1138	USEPA TO-15	10/16/01
Trichloroethene	ND	ppb v/v	0.1329	USEPA TO-15	10/16/01
cis-1,3-Dichloropropene	ND	ppb v/v	0.0924	USEPA TO-15	10/16/01
trans-1,3-Dichloropropene	ND	ppb v/v	0.1222	USEPA TO-15	10/16/01
1,1,2-Trichloroethane	ND	ppb v/v	0.0896	USEPA TO-15	10/16/01
Toluene	1.47	ppb v/v	0.0735	USEPA TO-15	10/16/01
1,2-Dibromoethane	ND	ppb v/v	0.0971	USEPA TO-15	10/16/01
Tetrachloroethene	ND	ppb v/v	0.0845	USEPA TO-15	10/16/01
Chlorobenzene	ND	ppb v/v	0.1343	USEPA TO-15	10/16/01
Ethylbenzene	0.19	ppb v/v	0.0744	USEPA TO-15	10/16/01

John Pedneault
Lab Director

ND=RESULT IS EQUAL TO OR LESS THAN MDL

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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#: 01100307 PROJECT ID WORLD TRADE CENTER- 5 Boro Sampling MATRIX: AIR/GAS
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m,p-Xylene	0.56	ppb v/v	0.1785	USEPA TO-15	10/16/01
Styrene	ND	ppb v/v	0.0896	USEPA TO-15	10/16/01
1,1,2,2-Tetrachloroethane	ND	ppb v/v	0.1471	USEPA TO-15	10/16/01
o-Xylene	0.19	ppb v/v	0.0111	USEPA TO-15	10/16/01
1,3,5-Trimethylbenzene	ND	ppb v/v	0.0757	USEPA TO-15	10/16/01
1,2,4-Trimethylbenzene	0.25	ppb v/v	0.1511	USEPA TO-15	10/16/01
1,3-Dichlorobenzene	ND	ppb v/v	0.1564	USEPA TO-15	10/16/01
1,4-Dichlorobenzene	ND	ppb v/v	0.169	USEPA TO-15	10/16/01
1,2-Dichlorobenzene	ND	ppb v/v	0.2014	USEPA TO-15	10/16/01
1,2,4-Trichlorobenzene	ND	ppb v/v	0.1785	USEPA TO-15	10/16/01
Hexachloro-1,3-Butadiene	ND	ppb v/v	0.1976	USEPA TO-15	10/16/01

John Pedneault
Lab Director

ND=RESULT IS EQUAL TO OR LESS THAN MDL

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NYS ELAP #10224
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