



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#: 01100166

PROJECT ID WORLD TRADE CENTER-5 Boro Sampling

MATRIX: AIR/GAS

COLLECT DATE	DATE RECEIVED	RELEASE DATE	REPORT DATE		
10/5/01 7:35 PM	10/6/01 12:45:00 AM	10/8/01	10/8/01		
SAMPLE ID#: 01100166-001					
SAMPLE ORIGIN BROADWAY AVE & 31st ST., QUEENS					
	RESULT	UNITS	M.D.L.	METHOD	ANALYSIS DATE
Dichlorodifluoromethane	0.51	ppb v/v	0.123	USEPA TO-15	10/6/01
Chloromethane	0.77	ppb v/v	0.1037	USEPA TO-15	10/6/01
1,2-Dichlorotetrafluoroethane	ND	ppb v/v	0.2886	USEPA TO-15	10/6/01
Vinyl Chloride	ND	ppb v/v	0.1249	USEPA TO-15	10/6/01
Bromomethane	ND	ppb v/v	0.2418	USEPA TO-15	10/6/01
Chloroethane	ND	ppb v/v	0.2478	USEPA TO-15	10/6/01
Trichlorofluoromethane	0.26	ppb v/v	0.1839	USEPA TO-15	10/6/01
1,1-Dichloroethene	ND	ppb v/v	0.0799	USEPA TO-15	10/6/01
Methylene chloride	ND	ppb v/v	0.1909	USEPA TO-15	10/6/01
Freon 113	ND	ppb v/v	0.161	USEPA TO-15	10/6/01
1,1-Dichloroethane	ND	ppb v/v	0.1398	USEPA TO-15	10/6/01
Methyl-tert-butyl ether	0.35	ppb v/v	0.128	USEPA TO-15	10/6/01
cis-1,2-Dichloroethene	ND	ppb v/v	0.1783	USEPA TO-15	10/6/01
Chloroform	ND	ppb v/v	0.1681	USEPA TO-15	10/6/01
1,2-Dichloroethane	ND	ppb v/v	0.1688	USEPA TO-15	10/6/01
1,1,1-Trichloroethane	ND	ppb v/v	0.0974	USEPA TO-15	10/6/01
Benzene	0.40	ppb v/v	0.1201	USEPA TO-15	10/6/01
Carbon Tetrachloride	0.12	ppb v/v	0.0922	USEPA TO-15	10/6/01
1,2-Dichloropropane	ND	ppb v/v	0.1138	USEPA TO-15	10/6/01
Trichloroethene	ND	ppb v/v	0.1329	USEPA TO-15	10/6/01
cis-1,3-Dichloropropene	ND	ppb v/v	0.0924	USEPA TO-15	10/6/01
trans-1,3-Dichloropropene	ND	ppb v/v	0.1222	USEPA TO-15	10/6/01

John Pedneault
Lab Director

ND=RESULT IS EQUAL TO OR LESS THAN MDL

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NYS ELAP #10224
MWBE #46075

CITY_21MC100_011063751

NYC-WTC_000210737

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#: 01100166 PROJECT ID WORLD TRADE CENTER-5 Boro Sampling MATRIX: AIR/GAS		
1,1,2-Trichloroethane	ND	ppb v/v	0.0896	USEPA TO-15	10/6/01
Toluene	0.61	ppb v/v	0.0735	USEPA TO-15	10/6/01
1,2-Dibromoethane	ND	ppb v/v	0.0971	USEPA TO-15	10/6/01
Tetrachloroethene	ND	ppb v/v	0.0845	USEPA TO-15	10/6/01
Chlorobenzene	ND	ppb v/v	0.1343	USEPA TO-15	10/6/01
Ethylbenzene	0.14	ppb v/v	0.0744	USEPA TO-15	10/6/01
m,p-Xylene	0.23	ppb v/v	0.1785	USEPA TO-15	10/6/01
Styrene	ND	ppb v/v	0.0896	USEPA TO-15	10/6/01
1,1,2,2-Tetrachloroethane	ND	ppb v/v	0.1471	USEPA TO-15	10/6/01
o-Xylene	ND	ppb v/v	0.0111	USEPA TO-15	10/6/01
1,3,5-Trimethylbenzene	ND	ppb v/v	0.0757	USEPA TO-15	10/6/01
1,2,4-Trimethylbenzene	ND	ppb v/v	0.1511	USEPA TO-15	10/6/01
1,3-Dichlorobenzene	ND	ppb v/v	0.1564	USEPA TO-15	10/6/01
1,4-Dichlorobenzene	ND	ppb v/v	0.169	USEPA TO-15	10/6/01
1,2-Dichlorobenzene	ND	ppb v/v	0.2014	USEPA TO-15	10/6/01
1,2,4-Trichlorobenzene	ND	ppb v/v	0.1785	USEPA TO-15	10/6/01
Hexachloro-1,3-Butadiene	ND	ppb v/v	0.1976	USEPA TO-15	10/6/01
Tentatively Identified Compounds					10/6/01
Acetone	1.06	ppb v/v		USEPA TO-15	10/6/01

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#: 01100166 PROJECT ID WORLD TRADE CENTER-5 Boro Sampling MATRIX: AIR/GAS
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COLLECT DATE	DATE RECEIVED	RELEASE DATE	REPORT DATE		
10/5/01 8:20 PM	10/6/01 12:45:00 AM	10/8/01	10/8/01		
SAMPLE ID#: 01100166-002	SAMPLE ORIGIN 138th St. & 3rd AVENUE, BRONX				
	RESULT	UNITS	M.D.L.	METHOD	ANALYSIS DATE
Dichlorodifluoromethane	0.53	ppb v/v	0.123	USEPA TO-15	10/6/01
Chloromethane	0.57	ppb v/v	0.1037	USEPA TO-15	10/6/01
1,2-Dichlorotetrafluoroethane	ND	ppb v/v	0.2886	USEPA TO-15	10/6/01
Vinyl Chloride	ND	ppb v/v	0.1249	USEPA TO-15	10/6/01
Bromomethane	ND	ppb v/v	0.2418	USEPA TO-15	10/6/01
Chloroethane	ND	ppb v/v	0.2478	USEPA TO-15	10/6/01
Trichlorofluoromethane	0.27	ppb v/v	0.1839	USEPA TO-15	10/6/01
1,1-Dichloroethene	ND	ppb v/v	0.0799	USEPA TO-15	10/6/01
Methylene chloride	ND	ppb v/v	0.1909	USEPA TO-15	10/6/01
Freon 113	ND	ppb v/v	0.161	USEPA TO-15	10/6/01
1,1-Dichloroethane	ND	ppb v/v	0.1398	USEPA TO-15	10/6/01
Methyl-tert-butyl ether	6.38	ppb v/v	0.128	USEPA TO-15	10/6/01
cis-1,2-Dichloroethene	ND	ppb v/v	0.1783	USEPA TO-15	10/6/01
Chloroform	ND	ppb v/v	0.1681	USEPA TO-15	10/6/01
1,2-Dichloroethane	ND	ppb v/v	0.1688	USEPA TO-15	10/6/01
1,1,1-Trichloroethane	ND	ppb v/v	0.0974	USEPA TO-15	10/6/01
Benzene	1.27	ppb v/v	0.1201	USEPA TO-15	10/6/01
Carbon Tetrachloride	0.13	ppb v/v	0.0922	USEPA TO-15	10/6/01
1,2-Dichloropropane	ND	ppb v/v	0.1138	USEPA TO-15	10/6/01
Trichloroethene	ND	ppb v/v	0.1329	USEPA TO-15	10/6/01
cis-1,3-Dichloropropene	ND	ppb v/v	0.0924	USEPA TO-15	10/6/01
trans-1,3-Dichloropropene	ND	ppb v/v	0.1222	USEPA TO-15	10/6/01
1,1,2-Trichloroethane	ND	ppb v/v	0.0896	USEPA TO-15	10/6/01
Toluene	7.98	ppb v/v	0.0735	USEPA TO-15	10/6/01
1,2-Dibromoethane	ND	ppb v/v	0.0971	USEPA TO-15	10/6/01
Tetrachloroethene	0.11	ppb v/v	0.0845	USEPA TO-15	10/6/01
Chlorobenzene	ND	ppb v/v	0.1343	USEPA TO-15	10/6/01
Ethylbenzene	1.66	ppb v/v	0.0744	USEPA TO-15	10/6/01

John Pedneault
Lab Director

ND=RESULT IS EQUAL TO OR LESS THAN MDL

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NYS ELAP #10224
MWBE #46075

CITY_21MC100_011063753

NYC-WTC_000210739

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#: 01100166 PROJECT ID WORLD TRADE CENTER-5 Boro Sampling MATRIX: AIRGAS		
m,p-Xylene	3.82	ppb v/v	0.1785	USEPA TO-15	10/6/01
Styrene	0.33	ppb v/v	0.0896	USEPA TO-15	10/6/01
1,1,2,2-Tetrachloroethane	ND	ppb v/v	0.1471	USEPA TO-15	10/6/01
o-Xylene	1.37	ppb v/v	0.0111	USEPA TO-15	10/6/01
1,3,5-Trimethylbenzene	0.32	ppb v/v	0.0757	USEPA TO-15	10/6/01
1,2,4-Trimethylbenzene	1.01	ppb v/v	0.1511	USEPA TO-15	10/6/01
1,3-Dichlorobenzene	ND	ppb v/v	0.1564	USEPA TO-15	10/6/01
1,4-Dichlorobenzene	ND	ppb v/v	0.169	USEPA TO-15	10/6/01
1,2-Dichlorobenzene	ND	ppb v/v	0.2014	USEPA TO-15	10/6/01
1,2,4-Trichlorobenzene	ND	ppb v/v	0.1785	USEPA TO-15	10/6/01
Hexachloro-1,3-Butadiene	ND	ppb v/v	0.1976	USEPA TO-15	10/6/01
Tentatively Identified Compounds					10/6/01
2-Methyl butane	2.20	ppb v/v		USEPA TO-15	10/6/01
2-Methyl Pentane	1.50	ppb v/v		USEPA TO-15	10/6/01
2,2,4,4-Tetramethyl pentane	0.95	ppb v/v		USEPA TO-15	10/6/01
Octane	2.24	ppb v/v		USEPA TO-15	10/6/01

John Pedneault
Lab Director

ND=RESULT IS EQUAL TO OR LESS THAN MDL

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NYS ELAP #10224
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CITY_21MC100_011063754

NYC-WTC_000210740

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 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#: 01100166**PROJECT ID** WORLD TRADE CENTER-5 Boro Sampling**MATRIX:** AIRGAS

COLLECT DATE	DATE RECEIVED	RELEASE DATE	REPORT DATE		
10/5/01 8:50 PM	10/6/01 12:45:00 AM	10/8/01	10/8/01		
SAMPLE ID#: 01100166-003					
SAMPLE ORIGIN CENTAL PARK N. & LENOX , MANHATTAN					
RESULT	UNITS	M.D.L.	METHOD	ANALYSIS DATE	
Dichlorodifluoromethane	0.61	ppb v/v	0.123	USEPA TO-15	10/6/01
Chloromethane	0.54	ppb v/v	0.1037	USEPA TO-15	10/6/01
1,2-Dichlorotetrafluoroethane	ND	ppb v/v	0.2886	USEPA TO-15	10/6/01
Vinyl Chloride	ND	ppb v/v	0.1249	USEPA TO-15	10/6/01
Bromomethane	ND	ppb v/v	0.2418	USEPA TO-15	10/6/01
Chloroethane	ND	ppb v/v	0.2478	USEPA TO-15	10/6/01
Trichlorofluoromethane	0.32	ppb v/v	0.1839	USEPA TO-15	10/6/01
1,1-Dichloroethene	ND	ppb v/v	0.0799	USEPA TO-15	10/6/01
Methylene chloride	ND	ppb v/v	0.1909	USEPA TO-15	10/6/01
Freon 113	ND	ppb v/v	0.161	USEPA TO-15	10/6/01
1,1-Dichloroethane	ND	ppb v/v	0.1398	USEPA TO-15	10/6/01
Methyl-tert-butyl ether	8.26	ppb v/v	0.128	USEPA TO-15	10/6/01
cis-1,2-Dichloroethene	ND	ppb v/v	0.1783	USEPA TO-15	10/6/01
Chloroform	ND	ppb v/v	0.1681	USEPA TO-15	10/6/01
1,2-Dichloroethane	ND	ppb v/v	0.1688	USEPA TO-15	10/6/01
1,1,1-Trichloroethane	ND	ppb v/v	0.0974	USEPA TO-15	10/6/01
Benzene	2.32	ppb v/v	0.1201	USEPA TO-15	10/6/01
Carbon Tetrachloride	0.13	ppb v/v	0.0922	USEPA TO-15	10/6/01
1,2-Dichloropropane	ND	ppb v/v	0.1138	USEPA TO-15	10/6/01
Trichloroethene	ND	ppb v/v	0.1329	USEPA TO-15	10/6/01
cis-1,3-Dichloropropene	ND	ppb v/v	0.0924	USEPA TO-15	10/6/01
trans-1,3-Dichloropropene	ND	ppb v/v	0.1222	USEPA TO-15	10/6/01
1,1,2-Trichloroethane	ND	ppb v/v	0.0896	USEPA TO-15	10/6/01
Toluene	14.3	ppb v/v	0.0735	USEPA TO-15	10/6/01
1,2-Dibromoethane	ND	ppb v/v	0.0971	USEPA TO-15	10/6/01
Tetrachloroethene	0.27	ppb v/v	0.0845	USEPA TO-15	10/6/01
Chlorobenzene	ND	ppb v/v	0.1343	USEPA TO-15	10/6/01
Ethylbenzene	4.27	ppb v/v	0.0744	USEPA TO-15	10/6/01

John Pedneault
 Lab Director

ND=RESULT IS EQUAL TO OR LESS THAN MDL

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 NYS ELAP #10224
 MWBE #46075

CITY_21MC100_011063755

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#: 01100166 PROJECT ID WORLD TRADE CENTER-5 Boro Sampling MATRIX: AIRGAS
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m,p-Xylene	10.3	ppb v/v	0.1785	USEPA TO-15	10/6/01
Styrene	0.34	ppb v/v	0.0896	USEPA TO-15	10/6/01
1,1,2,2-Tetrachloroethane	ND	ppb v/v	0.1471	USEPA TO-15	10/6/01
o-Xylene	4.04	ppb v/v	0.0111	USEPA TO-15	10/6/01
1,3,5-Trimethylbenzene	1.44	ppb v/v	0.0757	USEPA TO-15	10/6/01
1,2,4-Trimethylbenzene	4.68	ppb v/v	0.1511	USEPA TO-15	10/6/01
1,3-Dichlorobenzene	ND	ppb v/v	0.1564	USEPA TO-15	10/6/01
1,4-Dichlorobenzene	0.33	ppb v/v	0.169	USEPA TO-15	10/6/01
1,2-Dichlorobenzene	ND	ppb v/v	0.2014	USEPA TO-15	10/6/01
1,2,4-Trichlorobenzene	ND	ppb v/v	0.1785	USEPA TO-15	10/6/01
Hexachloro-1,3-Butadiene	ND	ppb v/v	0.1976	USEPA TO-15	10/6/01
Tentatively Identified Compounds					10/6/01
Isobutane	1.41	ppb v/v		USEPA TO-15	10/6/01
2-Methyl-1-propene	0.91	ppb v/v		USEPA TO-15	10/6/01
Butane	1.74	ppb v/v		USEPA TO-15	10/6/01
2-Methyl butane	3.77	ppb v/v		USEPA TO-15	10/6/01
Pentane	1.32	ppb v/v		USEPA TO-15	10/6/01
2-Methyl Pentane	2.06	ppb v/v		USEPA TO-15	10/6/01
3-Methyl pentane	1.18	ppb v/v		USEPA TO-15	10/6/01
2,2,4-Trimethyl Pentane	1.55	ppb v/v		USEPA TO-15	10/6/01

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#: 01100166 PROJECT ID WORLD TRADE CENTER-5 Boro Sampling MATRIX: AIR/GAS
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COLLECT DATE	DATE RECEIVED	RELEASE DATE	REPORT DATE		
10/5/01 9:45 PM	10/6/01 12:45:00 AM	10/8/01	10/8/01		
SAMPLE ID#: 01100166-004	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	10/6/01
Chloromethane	0.56	ppb v/v	0.1037	USEPA TO-15	10/6/01
1,2-Dichlorotetrafluoroethane	ND	ppb v/v	0.2886	USEPA TO-15	10/6/01
Vinyl Chloride	ND	ppb v/v	0.1249	USEPA TO-15	10/6/01
Bromomethane	ND	ppb v/v	0.2418	USEPA TO-15	10/6/01
Chloroethane	ND	ppb v/v	0.2478	USEPA TO-15	10/6/01
Trichlorofluoromethane	0.24	ppb v/v	0.1839	USEPA TO-15	10/6/01
1,1-Dichloroethene	ND	ppb v/v	0.0799	USEPA TO-15	10/6/01
Methylene chloride	ND	ppb v/v	0.1909	USEPA TO-15	10/6/01
Freon 113	ND	ppb v/v	0.161	USEPA TO-15	10/6/01
1,1-Dichloroethane	ND	ppb v/v	0.1398	USEPA TO-15	10/6/01
Methyl-tert-butyl ether	5.90	ppb v/v	0.128	USEPA TO-15	10/6/01
cis-1,2-Dichloroethene	ND	ppb v/v	0.1783	USEPA TO-15	10/6/01
Chloroform	ND	ppb v/v	0.1681	USEPA TO-15	10/6/01
1,2-Dichloroethane	ND	ppb v/v	0.1688	USEPA TO-15	10/6/01
1,1,1-Trichloroethane	0.11	ppb v/v	0.0974	USEPA TO-15	10/6/01
Benzene	1.20	ppb v/v	0.1201	USEPA TO-15	10/6/01
Carbon Tetrachloride	0.12	ppb v/v	0.0922	USEPA TO-15	10/6/01
1,2-Dichloropropane	ND	ppb v/v	0.1138	USEPA TO-15	10/6/01
Trichloroethene	ND	ppb v/v	0.1329	USEPA TO-15	10/6/01
cis-1,3-Dichloropropene	ND	ppb v/v	0.0924	USEPA TO-15	10/6/01
trans-1,3-Dichloropropene	ND	ppb v/v	0.1222	USEPA TO-15	10/6/01
1,1,2-Trichloroethane	ND	ppb v/v	0.0896	USEPA TO-15	10/6/01
Toluene	4.82	ppb v/v	0.0735	USEPA TO-15	10/6/01
1,2-Dibromoethane	ND	ppb v/v	0.0971	USEPA TO-15	10/6/01
Tetrachloroethene	ND	ppb v/v	0.0845	USEPA TO-15	10/6/01
Chlorobenzene	ND	ppb v/v	0.1343	USEPA TO-15	10/6/01
Ethylbenzene	0.65	ppb v/v	0.0744	USEPA TO-15	10/6/01

John Pedneault
Lab Director

ND=RESULT IS EQUAL TO OR LESS THAN MDL

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NYS ELAP #10224
MWBE #46075

CITY_21MC100_011063757

NYC-WTC_000210743

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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#: 01100166 PROJECT ID WORLD TRADE CENTER-5 Boro Sampling MATRIX: AIR/GAS		
m,p-Xylene	1.49	ppb v/v	0.1785	USEPA TO-15	10/6/01
Styrene	ND	ppb v/v	0.0896	USEPA TO-15	10/6/01
1,1,2,2-Tetrachloroethane	ND	ppb v/v	0.1471	USEPA TO-15	10/6/01
c-Xylene	0.50	ppb v/v	0.0111	USEPA TO-15	10/6/01
1,3,5-Trimethylbenzene	0.12	ppb v/v	0.0757	USEPA TO-15	10/6/01
1,2,4-Trimethylbenzene	0.38	ppb v/v	0.1511	USEPA TO-15	10/6/01
1,3-Dichlorobenzene	ND	ppb v/v	0.1564	USEPA TO-15	10/6/01
1,4-Dichlorobenzene	ND	ppb v/v	0.169	USEPA TO-15	10/6/01
1,2-Dichlorobenzene	ND	ppb v/v	0.2014	USEPA TO-15	10/6/01
1,2,4-Trichlorobenzene	ND	ppb v/v	0.1785	USEPA TO-15	10/6/01
Hexachloro-1,3-Butadiene	ND	ppb v/v	0.1976	USEPA TO-15	10/6/01
Tentatively Identified Compounds					10/6/01
2-Methyl butane	2.11	ppb v/v		USEPA TO-15	10/6/01
2-Methyl Pentane	1.34	ppb v/v		USEPA TO-15	10/6/01

John Pedneault
Lab Director

ND=RESULT IS EQUAL TO OR LESS THAN MDL

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NYS ELAP #10224
MWBE #46075

CITY_21MC100_011063758

NYC-WTC_000210744

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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#: 01100166
PROJECT ID WORLD TRADE CENTER-5 Boro Sampling
MATRIX: AIRGAS

COLLECT DATE	DATE RECEIVED	RELEASE DATE	REPORT DATE		
10/5/01 10:10 PM	10/6/01 12:45:00 AM	10/8/01	10/8/01		
SAMPLE ID#: 01100166-005					
SAMPLE ORIGIN ATLANTIC AVE. & SMITH ST., BROOKLYN					
	RESULT	UNITS	M.D.L.	METHOD	ANALYSIS DATE
Dichlorodifluoromethane	0.54	ppb v/v	0.123	USEPA TO-15	10/6/01
Chloromethane	0.56	ppb v/v	0.1037	USEPA TO-15	10/6/01
1,2-Dichlorotetrafluoroethane	ND	ppb v/v	0.2886	USEPA TO-15	10/6/01
Vinyl Chloride	ND	ppb v/v	0.1249	USEPA TO-15	10/6/01
Bromomethane	ND	ppb v/v	0.2418	USEPA TO-15	10/6/01
Chloroethane	ND	ppb v/v	0.2478	USEPA TO-15	10/6/01
Trichlorofluoromethane	0.21	ppb v/v	0.1839	USEPA TO-15	10/6/01
1,1-Dichloroethene	ND	ppb v/v	0.0799	USEPA TO-15	10/6/01
Methylene chloride	ND	ppb v/v	0.1909	USEPA TO-15	10/6/01
Freon 113	ND	ppb v/v	0.161	USEPA TO-15	10/6/01
1,1-Dichloroethane	ND	ppb v/v	0.1398	USEPA TO-15	10/6/01
Methyl-tert-butyl ether	14.6	ppb v/v	0.128	USEPA TO-15	10/6/01
cis-1,2-Dichloroethene	ND	ppb v/v	0.1783	USEPA TO-15	10/6/01
Chloroform	ND	ppb v/v	0.1681	USEPA TO-15	10/6/01
1,2-Dichloroethane	ND	ppb v/v	0.1688	USEPA TO-15	10/6/01
1,1,1-Trichloroethane	ND	ppb v/v	0.0974	USEPA TO-15	10/6/01
Benzene	2.90	ppb v/v	0.1201	USEPA TO-15	10/6/01
Carbon Tetrachloride	0.12	ppb v/v	0.0922	USEPA TO-15	10/6/01
1,2-Dichloropropane	ND	ppb v/v	0.1138	USEPA TO-15	10/6/01
Trichloroethene	ND	ppb v/v	0.1329	USEPA TO-15	10/6/01
cis-1,3-Dichloropropene	ND	ppb v/v	0.0924	USEPA TO-15	10/6/01
trans-1,3-Dichloropropene	ND	ppb v/v	0.1222	USEPA TO-15	10/6/01
1,1,2-Trichloroethane	ND	ppb v/v	0.0896	USEPA TO-15	10/6/01
Toluene	9.66	ppb v/v	0.0735	USEPA TO-15	10/6/01
1,2-Dibromoethane	ND	ppb v/v	0.0971	USEPA TO-15	10/6/01
Tetrachloroethene	0.62	ppb v/v	0.0845	USEPA TO-15	10/6/01
Chlorobenzene	ND	ppb v/v	0.1343	USEPA TO-15	10/6/01
Ethylbenzene	1.65	ppb v/v	0.0744	USEPA TO-15	10/6/01

John Pedneault
 Lab Director

ND=RESULT IS EQUAL TO OR LESS THAN MDL

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 NYS ELAP #10224
 MWBE #46075

CITY_21MC100_011063759

NYC-WTC_000210745

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#: 01100166 PROJECT ID WORLD TRADE CENTER-5 Boro Sampling MATRIX: AIR/GAS		
m,p-Xylene	4.49	ppb v/v	0.1785	USEPA TO-15	10/6/01
Styrene	0.35	ppb v/v	0.0896	USEPA TO-15	10/6/01
1,1,2,2-Tetrachloroethane	ND	ppb v/v	0.1471	USEPA TO-15	10/6/01
o-Xylene	1.82	ppb v/v	0.0111	USEPA TO-15	10/6/01
1,3,5-Trimethylbenzene	0.68	ppb v/v	0.0757	USEPA TO-15	10/6/01
1,2,4-Trimethylbenzene	2.30	ppb v/v	0.1511	USEPA TO-15	10/6/01
1,3-Dichlorobenzene	ND	ppb v/v	0.1564	USEPA TO-15	10/6/01
1,4-Dichlorobenzene	0.22	ppb v/v	0.169	USEPA TO-15	10/6/01
1,2-Dichlorobenzene	ND	ppb v/v	0.2014	USEPA TO-15	10/6/01
1,2,4-Trichlorobenzene	ND	ppb v/v	0.1785	USEPA TO-15	10/6/01
Hexachloro-1,3-Butadiene	ND	ppb v/v	0.1976	USEPA TO-15	10/6/01
Tentatively Identified Compounds					10/6/01
Isobutane	2.79	ppb v/v		USEPA TO-15	10/6/01
2-Methyl-1-propene	1.49	ppb v/v		USEPA TO-15	10/6/01
Butane	2.88	ppb v/v		USEPA TO-15	10/6/01
2-Methyl butane	6.76	ppb v/v		USEPA TO-15	10/6/01
Acetone	1.14	ppb v/v		USEPA TO-15	10/6/01
Pentane	1.89	ppb v/v		USEPA TO-15	10/6/01
Isopropyl alcohol	4.89	ppb v/v		USEPA TO-15	10/6/01
2-Methyl Pentane	2.50	ppb v/v		USEPA TO-15	10/6/01
3-Methyl pentane	1.39	ppb v/v		USEPA TO-15	10/6/01
Methyl cyclopentane	1.58	ppb v/v		USEPA TO-15	10/6/01
2,2,4-Trimethyl Pentane	1.63	ppb v/v		USEPA TO-15	10/6/01

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#: 01100166 PROJECT ID WORLD TRADE CENTER-5 Boro Sampling MATRIX: AIRGAS
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COLLECT DATE	DATE RECEIVED	RELEASE DATE	REPORT DATE		
10/5/01 10:55 PM	10/6/01 12:45:00 AM	10/8/01	10/8/01		
SAMPLE ID#: 01100166-006	SAMPLE ORIGIN BAY ST & VICTORY BLVD., STATEN ISLAND				
	RESULT	UNITS	M.D.L.	METHOD	ANALYSIS DATE
Dichlorodifluoromethane	0.72	ppb v/v	0.123	USEPA TO-15	10/7/01
Chloromethane	0.40	ppb v/v	0.1037	USEPA TO-15	10/7/01
1,2-Dichlorotetrafluoroethane	ND	ppb v/v	0.2886	USEPA TO-15	10/7/01
Vinyl Chloride	ND	ppb v/v	0.1249	USEPA TO-15	10/7/01
Bromomethane	ND	ppb v/v	0.2418	USEPA TO-15	10/7/01
Chloroethane	ND	ppb v/v	0.2478	USEPA TO-15	10/7/01
Trichlorofluoromethane	0.29	ppb v/v	0.1839	USEPA TO-15	10/7/01
1,1-Dichloroethene	ND	ppb v/v	0.0799	USEPA TO-15	10/7/01
Methylene chloride	ND	ppb v/v	0.1909	USEPA TO-15	10/7/01
Freon 113	ND	ppb v/v	0.161	USEPA TO-15	10/7/01
1,1-Dichloroethane	ND	ppb v/v	0.1398	USEPA TO-15	10/7/01
Methyl-tert-butyl ether	43.9	ppb v/v	0.128	USEPA TO-15	10/7/01
cis-1,2-Dichloroethene	ND	ppb v/v	0.1783	USEPA TO-15	10/7/01
Chloroform	ND	ppb v/v	0.1681	USEPA TO-15	10/7/01
1,2-Dichloroethane	ND	ppb v/v	0.1688	USEPA TO-15	10/7/01
1,1,1-Trichloroethane	ND	ppb v/v	0.0974	USEPA TO-15	10/7/01
Benzene	10.8	ppb v/v	0.1201	USEPA TO-15	10/7/01
Carbon Tetrachloride	0.12	ppb v/v	0.0922	USEPA TO-15	10/7/01
1,2-Dichloropropane	ND	ppb v/v	0.1138	USEPA TO-15	10/7/01
Trichloroethene	ND	ppb v/v	0.1329	USEPA TO-15	10/7/01
cis-1,3-Dichloropropene	ND	ppb v/v	0.0924	USEPA TO-15	10/7/01
trans-1,3-Dichloropropene	ND	ppb v/v	0.1222	USEPA TO-15	10/7/01
1,1,2-Trichloroethane	ND	ppb v/v	0.0896	USEPA TO-15	10/7/01
Toluene	42.1	ppb v/v	0.0735	USEPA TO-15	10/7/01
1,2-Dibromoethane	ND	ppb v/v	0.0971	USEPA TO-15	10/7/01
Tetrachloroethene	ND	ppb v/v	0.0845	USEPA TO-15	10/7/01
Chlorobenzene	ND	ppb v/v	0.1343	USEPA TO-15	10/7/01
Ethylbenzene	9.65	ppb v/v	0.0744	USEPA TO-15	10/7/01

John Pedneault
Lab Director

ND=RESULT IS EQUAL TO OR LESS THAN MDL

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Prepared Exclusively For: NYCDEP-Emergency Response & Tech Assnt. 96-05 Horace Harding Expressway Corona, NY 11368 (718) 595-4650			PEDNEAULT ASSOCIATES, INC. 1615 NINTH AVENUE, BOX 205, BOHEMIA, N.Y. 11716 LAB#: 01100166 PROJECT ID WORLD TRADE CENTER-5 Boro Sampling MATRIX: AIRGAS		
m,p-Xylene	22.5	ppb v/v	0.1785	USEPA TO-15	10/7/01
Styrene	1.28	ppb v/v	0.0896	USEPA TO-15	10/7/01
1,1,2,2-Tetrachloroethane	ND	ppb v/v	0.1471	USEPA TO-15	10/7/01
o-Xylene	8.90	ppb v/v	0.0111	USEPA TO-15	10/7/01
1,3,5-Trimethylbenzene	3.00	ppb v/v	0.0757	USEPA TO-15	10/7/01
1,2,4-Trimethylbenzene	10.6	ppb v/v	0.1511	USEPA TO-15	10/7/01
1,3-Dichlorobenzene	ND	ppb v/v	0.1564	USEPA TO-15	10/7/01
1,4-Dichlorobenzene	ND	ppb v/v	0.169	USEPA TO-15	10/7/01
1,2-Dichlorobenzene	ND	ppb v/v	0.2014	USEPA TO-15	10/7/01
1,2,4-Trichlorobenzene	ND	ppb v/v	0.1785	USEPA TO-15	10/7/01
Hexachloro-1,3-Butadiene	ND	ppb v/v	0.1976	USEPA TO-15	10/7/01
Tentatively Identified Compounds					10/7/01
2-Methyl butane	12.4	ppb v/v		USEPA TO-15	10/7/01
Pentane	5.33	ppb v/v		USEPA TO-15	10/7/01
2-Methyl Pentane	8.15	ppb v/v		USEPA TO-15	10/7/01
3-Methyl pentane	5.87	ppb v/v		USEPA TO-15	10/7/01
2,2,4,4-Tetramethyl pentane	4.86	ppb v/v		USEPA TO-15	10/7/01

John Pedneault
Lab Director

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NYC-WTC_000210748

10/10/2001 10:33 6314676905

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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#: 01100166 PROJECT ID WORLD TRADE CENTER-5 Boro Sampling MATRIX: AIR/GAS
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COLLECT DATE	DATE RECEIVED	RELEASE DATE	REPORT DATE		
10/5/01 5:00 PM	10/6/01 12:45:00 AM	10/8/01	10/8/01		
SAMPLE ID#: 01100166-007					
SAMPLE ORIGIN TRIP BLANKS					
	RESULT	UNITS	M.D.L.	METHOD	ANALYSIS DATE
Dichlorodifluoromethane	ND	ppb v/v	0.123	USEPA TO-15	10/6/01
Chloromethane	ND	ppb v/v	0.1037	USEPA TO-15	10/6/01
1,2-Dichlorotetrafluoroethane	ND	ppb v/v	0.2888	USEPA TO-15	10/6/01
Vinyl Chloride	ND	ppb v/v	0.1249	USEPA TO-15	10/6/01
Bromomethane	ND	ppb v/v	0.2418	USEPA TO-15	10/6/01
Chloroethane	ND	ppb v/v	0.2478	USEPA TO-15	10/6/01
Trichlorofluoromethane	ND	ppb v/v	0.1839	USEPA TO-15	10/6/01
1,1-Dichloroethene	ND	ppb v/v	0.0799	USEPA TO-15	10/6/01
Methylene chloride	ND	ppb v/v	0.1909	USEPA TO-15	10/6/01
Freon 113	ND	ppb v/v	0.161	USEPA TO-15	10/6/01
1,1-Dichloroethane	ND	ppb v/v	0.1398	USEPA TO-15	10/6/01
Methyl-tert-butyl ether	ND	ppb v/v	0.128	USEPA TO-15	10/6/01
cis-1,2-Dichloroethene	ND	ppb v/v	0.1783	USEPA TO-15	10/6/01
Chloroform	ND	ppb v/v	0.1681	USEPA TO-15	10/6/01
1,2-Dichloroethane	ND	ppb v/v	0.1688	USEPA TO-15	10/6/01
1,1,1-Trichloroethane	ND	ppb v/v	0.0974	USEPA TO-15	10/6/01
Benzene	ND	ppb v/v	0.1201	USEPA TO-15	10/6/01
Carbon Tetrachloride	ND	ppb v/v	0.0922	USEPA TO-15	10/6/01
1,2-Dichloropropane	ND	ppb v/v	0.1138	USEPA TO-15	10/6/01
Trichloroethene	ND	ppb v/v	0.1329	USEPA TO-15	10/6/01
cis-1,3-Dichloropropene	ND	ppb v/v	0.0924	USEPA TO-15	10/6/01
trans-1,3-Dichloropropene	ND	ppb v/v	0.1222	USEPA TO-15	10/6/01
1,1,2-Trichloroethane	ND	ppb v/v	0.0896	USEPA TO-15	10/6/01
Toluene	ND	ppb v/v	0.0735	USEPA TO-15	10/6/01
1,2-Dibromoethane	ND	ppb v/v	0.0971	USEPA TO-15	10/6/01
Tetrachloroethene	ND	ppb v/v	0.0845	USEPA TO-15	10/6/01
Chlorobenzene	ND	ppb v/v	0.1343	USEPA TO-15	10/6/01
Ethylbenzene	ND	ppb v/v	0.0744	USEPA TO-15	10/6/01

John Pedneault
Lab Director

ND=RESULT IS EQUAL TO OR LESS THAN MDL

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CITY_21MC100_011063763

NYC-WTC_000210749

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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#: 01100166 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	10/6/01
Styrene	ND	ppb v/v	0.0896	USEPA TO-15	10/6/01
1,1,2,2-Tetrachloroethane	ND	ppb v/v	0.1471	USEPA TO-15	10/6/01
o-Xylene	ND	ppb v/v	0.0111	USEPA TO-15	10/6/01
1,3,5-Trimethylbenzene	ND	ppb v/v	0.0757	USEPA TO-15	10/6/01
1,2,4-Trimethylbenzene	ND	ppb v/v	0.1511	USEPA TO-15	10/6/01
1,3-Dichlorobenzene	ND	ppb v/v	0.1564	USEPA TO-15	10/6/01
1,4-Dichlorobenzene	ND	ppb v/v	0.169	USEPA TO-15	10/6/01
1,2-Dichlorobenzene	ND	ppb v/v	0.2014	USEPA TO-15	10/6/01
1,2,4-Trichlorobenzene	ND	ppb v/v	0.1785	USEPA TO-15	10/6/01
Hexachloro-1,3-Butadiene	ND	ppb v/v	0.1976	USEPA TO-15	10/6/01

John Pedneault
Lab Director

ND=RESULT IS EQUAL TO OR LESS THAN MDL

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