NYC 9/11 Public Portal Document

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:
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#: 01090230

PROJECT D WORLD TRADE CENTER

MATRIX: AIR\GAS

COLLECT DATE	DATE RECEIVED	RELEASE DATE	REPORT DATE
9/18/01 9:25 PM	9/19/01	9/20/01	9/20/01

SAMPLE ID#: 01090230-001 **SAMPLE ORIGIN** BROADWAY AVE & 31st ST., QUEENS

	RESULT	UNITS	M.D.L.	METHOD	ANALYSIS DATE
Dichlorodifluoromethane	0.53	ppb v/v	0.123	USEPA TO-15	9/19/01
Chloromethane	0.74	ppb v/v	0.1037	USEPA TO-15	9/19/01
1,2-Dichlorotetrafluoroethane	ND	ppb v/v	0.2866	USEPA TO-15	9/19/01
Vinyl Chloride	ND	ppb v/v	0.1249	USEPA TO-15	9/19/01
Bromomethane	ND	ppb v/v	0.2418	USEPA TO-15	9/19/01
Chloroethane	ND	ppb v/v	0.2478	USEPA TO-15	9/19/01
Trichlorofluoromethane	0.27	ppb v/v	0.1839	USEPA TO-15	9/19/01
1,1-Dichloroethene	ND	ppb v/v	0.0799	USEPA TO-15	9/19/01
Methylene chloride	ND	ppb v/v	0.1909	USEPA TO-15	9/19/01
Freon 113	ND	ppb v/v	0.161	USEPA TO-15	9/19/01
1,1-Dichloroethane	ND	ppb v/v	0.1398	USEPA TO-15	9/19/01
Methyl-tert-butyl ether	3.43	ppb v/v	0.128	USEPA TO-15	9/19/01
cis-1,2-Dichloroethene	ND	ppb v/v	0.1783	USEPA TO-15	9/19/01
Chloroform	ND	ppb v/v	0.1681	USEPA TO-15	9/19/01
1,2-Dichloroethane	ND	ppb v/v	0.1688	USEPA TO-15	9/19/01
1,1,1-Trichloroethane	ND	ppb v/v	0.0974	USEPA TO-15	9/19/01
Benzene	4.23	ppb v/v	0.1201	USEPA TO-15	9/19/01
Carbon Tetrachloride	0.10	ppb v/v	0.0922	USEPA TO-15	9/19/01
1,2-Dichloropropane	ND	ppb v/v	0.1138	USEPA TO-15	9/19/01
Trichloroethene	ND	ppb v/v	0.1329	USEPA TO-15	9/19/01
cis-1,3-Dichloropropene	ND	ppb v/v	0.0924	USEPA TO-15	9/19/01
trans-1,3-Dichloropropene	ND	ppb v/v	0.1222	USEPA TO-15	9/19/01

John Pedneault
Lab Director

ND=RESULT IS EQUAL TO OR LESS THAN MDL

NYS ELAP #10224
MWBE #46075

CITY_21MC100_002846343

NYC-WTC_000209350

NYC 9/11 Public Portal Document

Prepared Exclusively For:	PEDNEAULT ASSOCIATES, INC.
N.Y.C. D.E.P. HAZMAT DIVISION	1615 NINTH AVENUE, BOX 205, BOHEMIA, N.Y. 11716
59-17 JUNCTION BOULEVARD	**LAB#: 01090230**
CORONA , NY 11368	PROJECT ID WORLD TRADE CENTER
(718) 595-6431	MATRIX: AIR\GAS

1,1,2-Trichloroethane	ND	ppb v/v	0.0896	USEPA TO-15	9/19/01
Toluene	10.2	ppb v/v	0.0735	USEPA TO-15	9/19/01
1,2-Dibromoethane	ND	ppb v/v	0.0971	USEPA TO-15	9/19/01
Tetrachloroethene	0.69	ppb v/v	0.0845	USEPA TO-15	9/19/01
Chlorobenzene	ND	ppb v/v	0.1343	USEPA TO-15	9/19/01
Ethylbenzene	1.55	ppb v/v	0.0744	USEPA TO-15	9/19/01
m,p-Xylene	4.38	ppb v/v	0.1785	USEPA TO-15	9/19/01
Styrene	0.60	ppb v/v	0.0896	USEPA TO-15	9/19/01
1,1,2,2-Tetrachloroethane	ND	ppb v/v	0.1471	USEPA TO-15	9/19/01
o-Xylene	1.72	ppb v/v	0.0111	USEPA TO-15	9/19/01
1,3,5-Trimethylbenzene	0.73	ppb v/v	0.0757	USEPA TO-15	9/19/01
1,2,4-Trimethylbenzene	2.08	ppb v/v	0.1511	USEPA TO-15	9/19/01
1,3-Dichlorobenzene	ND	ppb v/v	0.1664	USEPA TO-15	9/19/01
1,4-Dichlorobenzene	0.51	ppb v/v	0.169	USEPA TO-15	9/19/01
1,2-Dichlorobenzene	ND	ppb v/v	0.2014	USEPA TO-15	9/19/01
1,2,4-Trichlorobenzene	0.43	ppb v/v	0.1785	USEPA TO-15	9/19/01
Hexachloro-1,3-Butadiene	0.22	ppb v/v	0.1976	USEPA TO-15	9/19/01
Tentatively Identified Compounds					9/19/01
2-Methyl-1-propene	2.31	mg/m3			9/19/01
2-Methyl butane	3.61	mg/m3			9/19/01
2-Methyl Pentane	1.36	mg/m3			9/19/01
Ethyl acetate	0.96	mg/m3			9/19/01
2,2,-Dimethyl hexane	1.91	mg/m3			9/19/01

John Pedneault
Lab Director

ND=RESULT IS EQUAL TO OR LESS THAN MDL

NYS ELAP #10224
MWBE #46075

CITY_21MC100_002846344

NYC-WTC_000209351

NYC 9/11 Public Portal Document

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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#: 01090230

PROJECT ID WORLD TRADE CENTER

MATRIX: AIR\GAS

COLLECT DATE	DATE RECEIVED	RELEASE DATE	REPORT DATE
9/18/01 10:00 PM	9/19/01	9/20/01	9/20/01

SAMPLE ID#: 01090230-002 **SAMPLE ORIGIN** 138th St. & 3rd AVENUE, BRONX

	RESULT	UNITS	M.D.L.	METHOD	ANALYSIS DATE
Dichlorodifluoromethane	0.57	ppb v/v	0.123	USEPA TO-15	9/19/01
Chloromethane	0.88	ppb v/v	0.1037	USEPA TO-15	9/19/01
1,2-Dichlorotetrafluoroethane	ND	ppb v/v	0.2886	USEPA TO-15	9/19/01
Vinyl Chloride	ND	ppb v/v	0.1249	USEPA TO-15	9/19/01
Bromomethane	ND	ppb v/v	0.2416	USEPA TO-15	9/19/01
Chloroethane	ND	ppb v/v	0.2478	USEPA TO-15	9/19/01
Trichlorofluoromethane	0.29	ppb v/v	0.1839	USEPA TO-15	9/19/01
1,1-Dichloroethene	ND	ppb v/v	0.0799	USEPA TO-15	9/19/01
Methylene chloride	ND	ppb v/v	0.1909	USEPA TO-15	9/19/01
Freon 113	ND	ppb v/v	0.161	USEPA TO-15	9/19/01
1,1-Dichloroethane	ND	ppb v/v	0.1398	USEPA TO-15	9/19/01
Methyl-tert-butyl ether	7.16	ppb v/v	0.128	USEPA TO-15	9/19/01
cis 1,2 Dichloroethene	ND	ppb v/v	0.1783	USEPA TO-15	9/19/01
Chloroform	ND	ppb v/v	0.1681	USEPA TO-15	9/19/01
1,2-Dichloroethane	ND	ppb v/v	0.1688	USEPA TO-15	9/19/01
1,1,1-Trichloroethane	ND	ppb v/v	0.0974	USEPA TO-15	9/19/01
Benzene	2.41	ppb v/v	0.1201	USEPA TO-15	9/19/01
Carbon Tetrachloride	ND	ppb v/v	0.0922	USEPA TO-15	9/19/01
1,2-Dichloropropane	ND	ppb v/v	0.1138	USEPA TO-15	9/19/01
Trichloroethene	ND	ppb v/v	0.1620	USEPA TO-15	9/19/01
cis-1,3-Dichloropropene	ND	ppb v/v	0.0924	USEPA TO-15	9/19/01
trans-1,3-Dichloropropene	ND	ppb v/v	0.1222	USEPA TO-15	9/19/01
1,1,2-Trichloroethane	ND	ppb v/v	0.0896	USEPA TO-15	9/19/01
Toluene	8.06	ppb v/v	0.0735	USEPA TO-15	9/19/01
1,2-Dibromoethane	ND	ppb v/v	0.0971	USEPA TO-15	9/19/01
Tetrachloroethene	0.63	ppb v/v	0.0845	USEPA TO-15	9/19/01
Chlorobenzene	ND	ppb v/v	0.1343	USEPA TO-15	9/19/01
Ethylbenzene	1.15	ppb v/v	0.0744	USEPA TO-15	9/19/01

John Pedneault
Lab Director

ND=RESULT IS EQUAL TO OR LESS THAN MDL

NYS ELAP #10224
MWBE #46075

CITY_21MC100_002846345

NYC-WTC_000209352

NYC 9/11 Public Portal Document

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N.Y.C. D.E.P. HAZMAT DIVISION	*1615 NINTH AVENUE, BOX 205, BOHEMIA, N.Y. 11716*
59-17 JUNCTION BOULEVARD	**LAB#: 01090230**
CORONA , NY 11368	**PROJECT ID** WORLD TRADE CENTER
(718) 595-6431	**MATRIX:** AIR\GAS

m,p-Xylene	3.30	ppb v/v	0.1785	USEPA TO-15	9/19/01
Styrene	0.34	ppb v/v	0.0896	USEPA TO-15	9/19/01
1,1,2,2-Tetrachloroethane	ND	ppb v/v	0.1471	USEPA TO-15	9/19/01
o-Xylene	1.25	ppb v/v	0.0111	USEPA TO-15	9/19/01
1,3,5-Trimethylbenzene	0.50	ppb v/v	0.0757	USEPA TO-15	9/19/01
1,2,4 Trimethylbenzene	1.44	ppb v/v	0.1511	USEPA TO-15	9/19/01
1,3-Dichlorobenzene	ND	ppb v/v	0.1564	USEPA TO-15	9/19/01
1,4-Dichlorobenzene	0.42	ppb v/v	0.169	USEPA TO-15	9/19/01
1,2-Dichlorobenzene	ND	ppb v/v	0.2014	USEPA TO-15	9/19/01
1,2,4-Trichlorobenzene	ND	ppb v/v	0.1785	USEPA TO-15	9/19/01
Hexachloro-1,3-Butadiene	ND	ppb v/v	0.1976	USEPA TO-15	9/19/01
Tentatively Identified Compounds					9/19/01
Butane	1.09	mg/m3			9/19/01
2-Methyl butane	5.33	mg/m3			9/19/01
2,3-dimethyl butane	0.92	mg/m3			9/19/01
2-Methyl Pentane	1.81	mg/m3			9/19/01
3-Methyl pentane	1.15	mg/m3			9/19/01
Ethyl acetate	1.32	mg/m3			9/19/01
2,2-Dimethyl hexane	1.18	mg/m3			9/19/01

John Pedneault
Lab Director

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NYS ELAP #10224
MWBE #40075

CITY_21MC100_002846346

NYC-WTC_000209353

NYC 9/11 Public Portal Document

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59-17 JUNCTION BOULEVARD
CORONA , NY 11368
(718) 595-6431

PEDNEAULT ASSOCIATES, INC.
1615 NINTH AVENUE BOX 205 BOHEMIA, N.Y. 11716

LAB#: 01090230

PROJECT ID WORLD TRADE CENTER

MATRIX: AIR\GAS

COLLECT DATE	DATE RECEIVED	RELEASE DATE	REPORT DATE
9/18/01 10:30 PM	9/19/01	9/20/01	9/20/01

SAMPLE ID#: 01090230-003 — **SAMPLE ORIGIN** CENTRAL PARK N. & LENOX , MANHATTAN

	RESULT	UNITS	M.D.L.	METHOD	ANALYSIS DATE
Dichlorodifluoromethane	0.61	ppb v/v	0.123	USEPA TO-15	9/19/01
Chloromethane	1.11	ppb v/v	0.1037	USEPA TO-15	9/19/01
1,2-Dichlorotetrafluoroethane	ND	ppb v/v	0.2886	USEPA TO-15	9/19/01
Vinyl Chloride	ND	ppb v/v	0.1249	USEPA TO-15	9/19/01
Bromomethane	ND	ppb v/v	0.2418	USEPA TO-15	9/19/01
Chloroethane	ND	ppb v/v	0.2478	USEPA TO-15	9/19/01
Trichlorofluoromethane	0.21	ppb v/v	0.1839	USEPA TO-15	9/19/01
1,1-Dichloroethene	ND	ppb v/v	0.0799	USEPA TO-15	9/19/01
Methylene chloride	ND	ppb v/v	0.1909	USEPA TO-15	9/19/01
Freon 113	ND	ppb v/v	0.161	USEPA TO-15	9/19/01
1,1-Dichloroethane	ND	ppb v/v	0.1398	USEPA TO-15	9/19/01
Methyl-tert-butyl ether	1.98	ppb v/v	0.128	USEPA TO-15	9/19/01
cis 1,2 Dichloroethene	ND	ppb v/v	0.1783	USEPA TO-15	9/19/01
Chloroform	ND	ppb v/v	0.1681	USEPA TO-15	9/19/01
1,2-Dichloroethane	ND	ppb v/v	0.1688	USEPA TO-15	9/19/01
1,1,1-Trichloroethane	ND	ppb v/v	0.0974	USEPA TO-15	9/19/01
Benzene	1.29	ppb v/v	0.1201	USEPA TO-15	9/19/01
Carbon Tetrachloride	ND	ppb v/v	0.0922	USEPA TO-15	9/19/01
1,2-Dichloropropane	ND	ppb v/v	0.1138	USEPA TO-15	9/19/01
Trichloroethene	ND	ppb v/v	0.1329	USEPA TO-15	9/19/01
cis-1,3-Dichloropropene	ND	ppb v/v	0.0924	USEPA TO-15	9/19/01
trans-1,3-Dichloropropene	ND	ppb v/v	0.1222	USEPA TO-15	9/19/01
1,1,2-Trichloroethane	ND	ppb v/v	0.0896	USEPA TO-15	9/19/01
Toluene	2.08	ppb v/v	0.0735	USEPA TO-15	9/19/01
1,2-Dibromoethane	ND	ppb v/v	0.0971	USEPA TO-15	9/19/01
Tetrachloroethene	0.22	ppb v/v	0.0845	USEPA TO-15	9/19/01
Chlorobenzene	ND	ppb v/v	0.1343	USEPA TO-15	9/19/01
Ethylbenzene	0.52	ppb v/v	0.0744	USEPA TO-15	9/19/01

John Pedneault
Lab Director

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NYS ELAP #10224
MWBE #46075

CITY_21MC100_002846347

NYC-WTC_000209354

NYC 9/11 Public Portal Document

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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#: 01090230

PROJECT ID WORLD TRADE CENTER

MATRIX: AIR\GAS

m,p-Xylene	1.59	ppb v/v	0.1785	USEPA TO-15	9/19/01
Styrene	0.11	ppb v/v	0.0896	USEPA TO-15	9/19/01
1,1,2,2-Tetrachloroethane	ND	ppb v/v	0.1471	USEPA TO-15	9/19/01
o-Xylene	0.65	ppb v/v	0.0111	USEPA TO-15	9/19/01
1,3,5-Trimethylbenzene	0.21	ppb v/v	0.0757	USEPA TO-15	9/19/01
1,2,4 Trimethylbenzene	0.65	ppb v/v	0.1511	USEPA TO-15	9/19/01
1,3-Dichlorobenzene	ND	ppb v/v	0.1564	USEPA TO-15	9/19/01
1,4-Dichlorobenzene	0.23	ppb v/v	0.169	USEPA TO-15	9/19/01
1,2-Dichlorobenzene	ND	ppb v/v	0.2014	USEPA TO-15	9/19/01
1,2,4-Trichlorobenzene	ND	ppb v/v	0.1785	USEPA TO-15	9/19/01
Hexachloro-1,3-Butadiene	ND	ppb v/v	0.1976	USEPA TO-15	9/19/01
Tentatively Identified Compounds					9/19/01
2-Methyl butane	1.75	ppb v/v			9/19/01

John Pedneault
Lab Director

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NYS ELAP #10224
MWBE #46075

CITY_21MC100_002846348

NYC-WTC_000209355

NYC 9/11 Public Portal Document

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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#: 01090230

PROJECT ID WORLD TRADE CENTER

MATRIX: AIR\GAS

COLLECT DATE	DATE RECEIVED	RELEASE DATE	REPORT DATE
9/19/01 12:07 PM	9/19/01	9/20/01	9/20/01

SAMPLE ID#: 01090230-004 — **SAMPLE ORIGIN** BERRY ST. & NORTH 11th ST, BROOKLYN

	RESULT	UNITS	M.D.L.	METHOD	ANALYSIS DATE
Dichlorodifluoromethane	1.85	ppb v/v	0.123	USEPA TO-15	9/19/01
Chloromethane	2.59	ppb v/v	0.1037	USEPA TO-15	9/19/01
1,2-Dichlorotetrafluoroethane	ND	ppb v/v	0.2866	USEPA TO-15	9/19/01
Vinyl Chloride	ND	ppb v/v	0.1249	USEPA TO-15	9/19/01
Bromomethane	0.56	ppb v/v	0.2418	USEPA TO 15	9/19/01
Chloroethane	ND	ppb v/v	0.2478	USEPA TO-15	9/19/01
Trichlorofluoromethane	0.50	ppb v/v	0.1839	USEPA TO-15	9/19/01
1,1-Dichloroethene	ND	ppb v/v	0.0799	USEPA TO-15	9/19/01
Methylene chloride	ND	ppb v/v	0.1909	USEPA TO-15	9/19/01
Freon 113	ND	ppb v/v	0.161	USEPA TO-15	9/19/01
1,1-Dichloroethane	ND	ppb v/v	0.1398	USEPA TO-15	9/19/01
Methyl-tert-butyl ether	2.31	ppb v/v	0.128	USEPA TO-15	9/19/01
cis-1,2-Dichloroethene	ND	ppb v/v	0.1783	USEPA TO-15	9/19/01
Chloroform	ND	ppb v/v	0.1681	USEPA TO-15	9/19/01
1,2-Dichloroethane	ND	ppb v/v	0.1688	USEPA TO-15	9/19/01
1,1,1-Trichloroethane	ND	ppb v/v	0.0974	USEPA TO-15	9/19/01
Benzene	0.95	ppb v/v	0.1201	USEPA TO-15	9/19/01
Carbon Tetrachloride	ND	ppb v/v	0.0922	USEPA TO-15	9/19/01
1,2-Dichloropropane	ND	ppb v/v	0.1138	USEPA TO-15	9/19/01
Trichloroethene	1.10	ppb v/v	0.1329	USEPA TO-15	9/19/01
cis-1,3-Dichloropropene	ND	ppb v/v	0.0924	USEPA TO-15	9/19/01
trans-1,3-Dichloropropene	ND	ppb v/v	0.1222	USEPA TO-15	9/19/01
1,1,2-Trichloroethane	ND	ppb v/v	0.0896	USEPA TO-15	9/19/01
Toluene	4.22	ppb v/v	0.0735	USEPA TO-15	9/19/01
1,2-Dibromoethane	ND	ppb v/v	0.0971	USEPA TO-15	9/19/01
Tetrachloroethene	0.25	ppb v/v	0.0845	USEPA TO-15	9/19/01
Chlorobenzene	ND	ppb v/v	0.1343	USEPA TO-15	9/19/01
Ethylbenzene	0.42	ppb v/v	0.0744	USEPA TO-15	9/19/01

John Pedneault
Lab Director

ND=RESULT IS EQUAL TO OR LESS THAN MDL

NYS ELAP #10224
MWBE #46075

CITY_21MC100_002846349

NYC-WTC_000209356

NYC 9/11 Public Portal Document

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N.Y.C. D.E.P. HAZMAT DIVISION	*1615 NINTH AVENUE, BOX 205, BOHEMIA, N.Y. 11716*
59-17 JUNCTION BOULEVARD	**LAB#: 01090230**
CORONA , NY 11368	**PROJECT ID** WORLD TRADE CENTER
(718) 595-6431	**MATRIX:** AIR\GAS

m,p-Xylene	1.12	ppb v/v	0.1785	USEPA TO-15	9/19/01
Styrene	0.09	ppb v/v	0.0896	USEPA TO-15	9/19/01
1,1,2,2-Tetrachloroethane	ND	ppb v/v	0.1471	USEPA TO-15	9/19/01
o-Xylene	0.44	ppb v/v	0.0111	USEPA TO-15	9/19/01
1,3,5-Trimethylbenzene	0.22	ppb v/v	0.0737	USEPA TO-15	9/19/01
1,2,4-Trimethylbenzene	0.71	ppb v/v	0.1511	USEPA TO-15	9/19/01
1,3-Dichlorobenzene	ND	ppb v/v	0.1564	USEPA TO-15	9/19/01
1,4-Dichlorobenzene	0.19	ppb v/v	0.169	USEPA TO-15	9/19/01
1,2-Dichlorobenzene	ND	ppb v/v	0.2014	USEPA TO-15	9/19/01
1,2,4-Trichlorobenzene	ND	ppb v/v	0.1785	USEPA TO-15	9/19/01
Hexachloro-1,3-Butadiene	ND	ppb v/v	0.1976	USEPA TO-15	9/19/01
Tentatively Identified Compounds					9/19/01
2-Methyl butane	2.81	ppb v/v			9/19/01

John Pedneault
Lab Director

ND=RESULT IS EQUAL TO OR LESS THAN MDL

NYS ELAP #10224
MWBE #46075

CITY_21MC100_002846350

NYC-WTC_000209357

NYC 9/11 Public Portal Document

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#: 01090230

PROJECT ID WORLD TRADE CENTER

MATRIX: AIR\GAS

COLLECT DATE	DATE RECEIVED	RELEASE DATE	REPORT DATE
9/19/01 1:00 AM	9/19/01	9/20/01	9/20/01

SAMPLE ID#: 01090230-005 — **SAMPLE ORIGIN** ATLANTIC AVE. & SMITH ST., BROOKLYN

	RESULT	UNITS	M.D.L.	METHOD	ANALYSIS DATE
Dichlorodifluoromethane	0.61	ppb v/v	0.123	USEPA TO-15	9/19/01
Chloromethane	1.00	ppb v/v	0.1037	USEPA TO-15	9/19/01
1,2-Dichlorotetrafluoroethane	ND	ppb v/v	0.2886	USEPA TO-15	9/19/01
Vinyl Chloride	ND	ppb v/v	0.1249	USEPA TO-15	9/19/01
Bromomethane	ND	ppb v/v	0.2418	USEPA TO-15	9/19/01
Chloroethane	ND	ppb v/v	0.2476	USEPA TO-15	9/19/01
Trichlorofluoromethane	ND	ppb v/v	0.1839	USEPA TO-15	9/19/01
1,1-Dichloroethene	ND	ppb v/v	0.0799	USEPA TO-15	9/19/01
Methylene chloride	ND	ppb v/v	0.1909	USEPA TO-15	9/19/01
Freon 113	ND	ppb v/v	0.161	USEPA TO-15	9/19/01
1,1-Dichloroethane	ND	ppb v/v	0.1398	USEPA TO-15	9/19/01
Methyl-tert-butyl ether	30.5	ppb v/v	0.128	USEPA TO-15	9/19/01
cis-1,2 Dichloroethene	ND	ppb v/v	0.1783	USEPA TO-15	9/19/01
Chloroform	ND	ppb v/v	0.1681	USEPA TO-15	9/19/01
1,2-Dichloroethane	ND	ppb v/v	0.1688	USEPA TO-15	9/19/01
1,1,1-Trichloroethane	ND	ppb v/v	0.0974	USEPA TO-15	9/19/01
Benzene	4.42	ppb v/v	0.1201	USEPA TO-15	9/19/01
Carbon Tetrachloride	ND	ppb v/v	0.0922	USEPA TO-15	9/19/01
1,2-Dichloropropane	ND	ppb v/v	0.1138	USEPA TO-15	9/19/01
Trichloroethene	ND	ppb v/v	0.1329	USEPA TO-15	9/19/01
cis-1,3-Dichloropropene	ND	ppb v/v	0.0924	USEPA TO-15	9/19/01
trans-1,3-Dichloropropene	ND	ppb v/v	0.1222	USEPA TO-15	9/19/01
1,1,2-Trichloroethane	ND	ppb v/v	0.0896	USEPA TO-15	9/19/01
Toluene	32.6	ppb v/v	0.0735	USEPA TO-15	9/19/01
1,2-Dibromoethane	ND	ppb v/v	0.0971	USEPA TO-15	9/19/01
Tetrachloroethene	0.12	ppb v/v	0.0845	USEPA TO-15	9/19/01
Chlorobenzene	ND	ppb v/v	0.1343	USEPA TO-15	9/19/01
Ethylbenzene	6.11	ppb v/v	0.0744	USEPA TO-15	9/19/01

John Pedneault
Lab Director

ND=RESULT IS EQUAL TO OR LESS THAN MDL

NYS ELAP #10224
MWDE #46075

CITY_21MC100_002846351

NYC-WTC_000209358

NYC 9/11 Public Portal Document

Prepared Exclusively For:	***PEDNEAULT ASSOCIATES, INC.***
N.Y.C. D.E.P. HAZMAT DIVISION	*1615 NINTH AVENUE, BOX 205, BOHEMIA, N.Y. 11716*
59-17 JUNCTION BOULEVARD	**LAB#: 01090230**
CORONA , NY 11368	**PROJECT ID** WORLD TRADE CENTER
(718) 595-6431	**MATRIX:** AIR\GAS

m,p-Xylene	9.59	ppb v/v	0.1785	USEPA TO-15	9/19/01
Styrene	0.19	ppb v/v	0.0898	USEPA TO-15	9/19/01
1,1,2,2-Tetrachloroethane	ND	ppb v/v	0.1471	USEPA TO-15	9/19/01
o-Xylene	3.98	ppb v/v	0.0111	USEPA TO-15	9/19/01
1,3,5-Trimethylbenzene	1.05	ppb v/v	0.0757	USEPA TO-15	9/19/01
1,2,4-Trimethylbenzene	3.38	ppb v/v	0.1511	USEPA TO-15	9/19/01
1,3-Dichlorobenzene	ND	ppb v/v	0.1564	USEPA TO-15	9/19/01
1,4-Dichlorobenzene	ND	ppb v/v	0.169	USEPA TO-15	9/19/01
1,2-Dichlorobenzene	ND	ppb v/v	0.2014	USEPA TO-15	9/19/01
1,2,4-Trichlorobenzene	ND	ppb v/v	0.1785	USEPA TO-15	9/19/01
Hexachloro-1,3-Butadiene	ND	ppb v/v	0.1976	USEPA TO-15	9/19/01
Tentatively Identified Compounds					9/19/01
2-Methyl butane	7.83	ppb v/v			9/19/01
2-Methyl Pentane	6.01	ppb v/v			9/19/01

John Pedneault
Lab Director

ND–RESULT IS EQUAL TO OR LESS THAN MDL

NYS ELAP #10224
MWBE #40075

CITY_21MC100_002846352

NYC-WTC_000209359

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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#: 01090230

PROJECT ID WORLD TRADE CENTER

MATRIX: AIR\GAS

COLLECT DATE	DATE RECEIVED	RELEASE DATE	REPORT DATE
9/19/01 1:40 AM	9/19/01	9/20/01	9/20/01

SAMPLE ID#: 01090230-000 **SAMPLE ORIGIN** BAY ST & VICTORY BLVD., STATEN ISLAND

	RESULT	UNITS	M.D.L.	METHOD	ANALYSIS DATE
Dichlorodifluoromethane	0.59	ppb v/v	0.123	USEPA TO-15	9/19/01
Chloromethane	0.77	ppb v/v	0.1037	USEPA TO-15	9/19/01
1,2-Dichlorotetrafluoroethane	ND	ppb v/v	0.2866	USEPA TO-15	9/19/01
Vinyl Chloride	ND	ppb v/v	0.1249	USEPA TO-15	9/19/01
Bromomethane	ND	ppb v/v	0.2418	USEPA TO-15	9/19/01
Chloroethane	ND	ppb v/v	0.2478	USEPA TO-15	9/19/01
Trichlorofluoromethane	ND	ppb v/v	0.1839	USEPA TO-15	9/19/01
1,1-Dichloroethene	ND	ppb v/v	0.0799	USEPA TO-15	9/19/01
Methylene chloride	ND	ppb v/v	0.1909	USEPA TO-15	9/19/01
Freon 113	ND	ppb v/v	0.161	USEPA TO-15	9/19/01
1,1-Dichloroethane	ND	ppb v/v	0.1398	USEPA TO-15	9/19/01
Methyl-tert-butyl ether	4.54	ppb v/v	0.128	USEPA TO-15	9/19/01
cis-1,2-Dichloroethene	ND	ppb v/v	0.1783	USEPA TO-15	9/19/01
Chloroform	ND	ppb v/v	0.1661	USEPA TO-15	9/19/01
1,2-Dichloroethane	ND	ppb v/v	0.1688	USEPA TO-15	9/19/01
1,1,1-Trichloroethane	ND	ppb v/v	0.0874	USEPA TO-15	9/19/01
Benzene	2.61	ppb v/v	0.1201	USEPA TO-15	9/19/01
Carbon Tetrachloride	ND	ppb v/v	0.0922	USEPA TO-15	9/19/01
1,2-Dichloropropane	ND	ppb v/v	0.1138	USEPA TO-15	9/19/01
Trichloroethene	ND	ppb v/v	0.1329	USEPA TO-15	9/19/01
cis-1,3-Dichloropropene	ND	ppb v/v	0.0924	USEPA TO-15	9/19/01
trans-1,3-Dichloropropene	ND	ppb v/v	0.1222	USEPA TO-15	9/19/01
1,1,2-Trichloroethane	ND	ppb v/v	0.0896	USEPA TO-15	9/19/01
Toluene	8.06	ppb v/v	0.0735	USEPA TO-15	9/19/01
1,2-Dibromoethane	ND	ppb v/v	0.0971	USEPA TO-15	9/19/01
Tetrachloroethene	0.10	ppb v/v	0.0845	USEPA TO-15	9/19/01
Chlorobenzene	ND	ppb v/v	0.1343	USEPA TO-15	9/19/01
Ethylbenzene	0.96	ppb v/v	0.0744	USEPA TO-15	9/19/01

John Pedneault
Lab Director

ND=RESULT IS EQUAL TO OR LESS THAN MDL

NYS ELAP #10224
MWBE #46075

CITY_21MC100_002846353

NYC-WTC_000209360

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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#: 01090230

PROJECT ID WORLD TRADE CENTER

MATRIX: AIR\GAS

m,p-Xylene	2.75	ppb v/v	0.1785	USEPA TO-15	9/19/01
Styrene	0.21	ppb v/v	0.0896	USEPA TO-15	9/19/01
1,1,2,2-Tetrachloroethane	ND	ppb v/v	0.1471	USEPA TO-15	9/19/01
o-Xylene	1.08	ppb v/v	0.0111	USEPA TO-15	9/19/01
1,3,5-Trimethylbenzene	0.37	ppb v/v	0.0757	USEPA TO-15	9/19/01
1,2,4-Trimethylbenzene	1.08	ppb v/v	0.1511	USEPA TO-15	9/19/01
1,3-Dichlorobenzene	ND	ppb v/v	0.1564	USEPA TO-15	9/19/01
1,4-Dichlorobenzene	0.46	ppb v/v	0.169	USEPA TO-15	9/19/01
1,2-Dichlorobenzene	ND	ppb v/v	0.2014	USEPA TO 15	9/19/01
1,2,4-Trichlorobenzene	ND	ppb v/v	0.1785	USEPA TO-15	9/19/01
Hexachloro-1,3-Butadiene	ND	ppb v/v	0.1976	USEPA TO-15	9/19/01
Tentatively Identified Compounds					9/19/01
2-Methyl-1-propene	1.06	ppb v/v			9/19/01
Butane	1.19	ppb v/v			9/19/01
2-Methyl butane	3.47	ppb v/v			9/19/01
2-Methyl Pentane	1.17	ppb v/v			9/19/01

John Pedneault
Lab Director

ND=RESULT IS EQUAL TO OR LESS THAN MDL

NYS ELAP #10224
MWBE #46075

CITY_21MC100_002846354

NYC-WTC_000209361

NYC 9/11 Public Portal Document

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#: 01090230

PROJECT ID WORLD TRADE CENTER

MATRIX: AIR\GAS

COLLECT DATE	DATE RECEIVED	RELEASE DATE	REPORT DATE
9/18/01 7:00 PM	9/19/01	9/20/01	9/20/01

SAMPLE ID#: 01090230-007 **SAMPLE ORIGIN** TRIP BLANKS

	RESULT	UNITS	M.D.L.	METHOD	ANALYSIS DATE
Dichlorodifluoromethane	ND	ppb v/v	0.123	USEPA TO-15	9/19/01
Chloromethane	ND	ppb v/v	0.1037	USEPA TO-15	9/19/01
1,2-Dichlorotetrafluoroethane	ND	ppb v/v	0.2886	USEPA TO-15	9/19/01
Vinyl Chloride	ND	ppb v/v	0.1249	USEPA TO-15	9/19/01
Bromomethane	ND	ppb v/v	0.2418	USEPA TO 15	9/19/01
Chloroethane	ND	ppb v/v	0.2478	USEPA TO-15	9/19/01
Trichlorofluoromethane	ND	ppb v/v	0.1839	USEPA TO-15	9/19/01
1,1-Dichloroethene	ND	ppb v/v	0.0799	USEPA TO-15	9/19/01
Methylene chloride	ND	ppb v/v	0.1909	USEPA TO-15	9/19/01
Freon 113	ND	ppb v/v	0.161	USEPA TO-15	9/19/01
1,1-Dichloroethane	ND	ppb v/v	0.1398	USEPA TO-15	9/19/01
Methyl-tert-butyl ether	ND	ppb v/v	0.126	USEPA TO-15	9/19/01
cis-1,2-Dichloroethene	ND	ppb v/v	0.1783	USEPA TO-15	9/19/01
Chloroform	ND	ppb v/v	0.1681	USEPA TO-15	9/19/01
1,2-Dichloroethane	ND	ppb v/v	0.1688	USEPA TO-15	9/19/01
1,1,1-Trichloroethane	ND	ppb v/v	0.0974	USEPA TO-15	9/19/01
Benzene	ND	ppb v/v	0.1201	USEPA TO-15	9/19/01
Carbon Tetrachloride	ND	ppb v/v	0.0922	USEPA TO-15	9/19/01
1,2-Dichloropropane	ND	ppb v/v	0.1138	USEPA TO-15	9/19/01
Trichloroethene	ND	ppb v/v	0.1329	USEPA TO-15	9/19/01
cis-1,3-Dichloropropene	ND	ppb v/v	0.0924	USEPA TO-15	9/19/01
trans-1,3-Dichloropropene	ND	ppb v/v	0.1222	USEPA TO-15	9/19/01
1,1,2-Trichloroethane	ND	ppb v/v	0.0896	USEPA TO-15	9/19/01
Toluene	ND	ppb v/v	0.0735	USEPA TO-15	9/19/01
1,2-Dibromoethane	ND	ppb v/v	0.0971	USEPA TO-15	9/19/01
Tetrachloroethene	ND	ppb v/v	0.0845	USEPA TO-15	9/19/01
Chlorobenzene	ND	ppb v/v	0.1343	USEPA TO-15	9/19/01
Ethylbenzene	ND	ppb v/v	0.0744	USEPA TO-15	9/19/01

John Pedneault
Lab Director

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NYS ELAP #10224
MWBE #46075

CITY_21MC100_002846355

NYC-WTC_000209362

NYC 9/11 Public Portal Document

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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#: 01090230

PROJECT ID WORLD TRADE CENTER

MATRIX: AIR\GAS

m,p-Xylene	ND	ppb v/v	0.1785	USEPA TO-15	9/19/01
Styrene	ND	ppb v/v	0.0896	USEPA TO-15	9/19/01
1,1,2,2-Tetrachloroethane	ND	ppb v/v	0.1471	USEPA TO-15	9/19/01
o-Xylene	ND	ppb v/v	0.0111	USEPA TO-15	9/19/01
1,3,5-Trimethylbenzene	ND	ppb v/v	0.0737	USEPA TO-15	9/19/01
1,2,4-Trimethylbenzene	ND	ppb v/v	0.1511	USEPA TO-15	9/19/01
1,3-Dichlorobenzene	ND	ppb v/v	0.1564	USEPA TO-15	9/19/01
1,4-Dichlorobenzene	ND	ppb v/v	0.169	USEPA TO-15	9/19/01
1,2-Dichlorobenzene	ND	ppb v/v	0.2014	USEPA TO-15	9/19/01
1,2,4-Trichlorobenzene	ND	ppb v/v	0.1785	USEPA TO-15	9/19/01
Hexachloro-1,3-Butadiene	ND	ppb v/v	0.1976	USEPA TO-15	9/19/01

John Pedneault
Lab Director

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NYS ELAP #10224
MWBE #40075

CITY_21MC100_002846356

NYC-WTC_000209363