NYC 9/11 Public Portal Document

Certificate of Analysis

CLIENT INFORMATION

Attention:	Michael Salum
Client Name:	Philip Analytical Services Inc
Project:	Misc.
Project Desc:	
Address:	4418 Pottsville Pike Reading, Pennsylvania 19605
Fax Number:	610 921-9667
Phone Number:	610 921-8833

LABORATORY INFORMATION

Contact:	Ada Blythe, B.Sc., C.Chem.
Project:	AN023026
Date Received:	17-Sep-2002
Date Reported:	22-Oct-2002
Submission No.:	2I0211
Sample No.:	060285-065479

NOTES:

"-' = not analysed '<' = less than Method Detection Limit (MDL) 'NA' = no data available
LOQ can by determined for all analytes by multiplying the appropriate MDL X 3.33
Blank correction is only performed on oil and grease, BTEX, total purgeable hydrocarbons and VOC analyses when Canadian methods are utilized.
Solids data is based on dry weight except for biota analyses.
Organic analyses are not corrected for extraction recovery standards except for isotope dilution methods, (i.e. CARB 429 PAH, all PCDD/F and DBD/DBF analyses)
The enclosed copy of the Chain of Custody Record may contain information necessary for the interpretation of the data.

Methods used by PSC Analytical Services are based upon those found in 'Standard Methods for the Examination of Water and Wastewater', Nineteenth Edition. Other methods are based on the principles of MISA or EPA methodologies. New York State: ELAP Identification Number 10756.

All work recorded herein has been done in accordance with normal professional standards using accepted testing methodologies, quality assurance and quality control procedures except where otherwise agreed to by the client and testing company in writing. Any and all use of these test results shall be limited to the actual cost of the pertinent analysis done. There is no other warranty expressed or implied. Your samples will be retained at PSC Analytical Services for a period of three weeks from receipt of data or as per contract.

COMMENTS:

Certified by:_____

CITY_21MC100_003233099

NYC-WTC_000445801

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PASC - Certificate of Analysis

		R02090957	R02090957	R02090957	R02090957
Client ID:		01A	02A	03A	04A
Lab No.:		060285 02	060286 02	060287 02	060288 02
Date Sampled:		12-Sep-2002	12-Sep-2002	12-Sep-2002	12-Sep-2002
Component	**Units**				
Total Tetrachlorodibenzofurans	pg	100	270	150	860
Total Pentachlorodibenzofurans	"	250	97	65	720
Total Hexachlorodibenzofurans	"	70	32	20	350
Total Heptachlorodibenzofurans	"	13	<20	<15	32
Octachlorodibenzofuran	"	17	13	13	41
Total Tetrachlorodibenzo-p-dioxins	"	940	310	150	1200
Total Pentachlorodibenzo-p-dioxins	"	370	130	28	1400
Total Hexachlorodibenzo-p-dioxins	"	110	55	29	670
Total Heptachlorodibenzo-p-dioxins	"	74	66	58	200
Octachlorodibenzo-p-dioxin	"	290	230	220	550
Internal Recoveries	%				
2,3,7,8-T4CDF-13C12		86	83	85	87
2,3,7,8-T4CDD-13C12		91	85	85	91
1,2,3,7,8-P5CDF-13C12		90	88	90	76
1,2,3,7,8-P5CDD-13C12		93	92	94	80
1,2,3,4,7,8-H6CDF-13C12		91	83	90	95
1,2,3,6,7,8-H6CDD-13C12		96	88	92	93
1,2,3,4,6,7,8-H7CDF-13C12		85	81	85	86
1,2,3,4,6,7,8-H7CDD-13C12		88	87	90	93
OCDD-13C12		93	88	97	100
2,3,7,8-Cl4-Dibenzofuran (DB5)	pg	<70	<42	<21	<170
2,3,7,8-Cl4-Dibenzo-p-dioxin	"	<2.8	<2.1	<3.2	6.9
1,2,3,7,8-Cl5-Dibenzofuran	"	<14	<5.9	<3.3	37
2,3,4,7,8-Cl5-Dibenzofuran	"	<19	9.8	6.9	<68
1,2,3,7,8-Cl5-Dibenzo-p-dioxin	"	<4.0	<2.6	<2.6	<17
1,2,3,4,7,8-Cl6-Dibenzofuran	"	19	10	7.9	83
1,2,3,6,7,8-Cl6-Dibenzofuran	"	7.4	<3.5	<3.7	31
2,3,4,6,7,8-Cl6-Dibenzofuran	"	7.0	<4.2	<4.4	30
1,2,3,7,8,9-Cl6-Dibenzofuran	"	<3.5	<4.4	<4.7	3.3
1,2,3,4,7,8-Cl6-Dibenzo-p-dioxin	"	<5.2	<4.7	<6.9	9.0
1,2,3,6,7,8-Cl6-Dibenzo-p-dioxin	"	<4.7	<4.2	<6.2	17
1,2,3,7,8,9-Cl6-Dibenzo-p-dioxin	"	<4.3	<3.8	<5.6	25
1,2,3,4,6,7,8-Cl7-Dibenzofuran	"	<19	<18	<14	<77
1,2,3,4,7,8,9-Cl7-Dibenzofuran	"	<11	<23	<17	<1.8
1,2,3,4,6,7,8-Cl7-Dibenzo-p-dioxin	"	40	34	32	100
1,2,3,4,6,7,8,9-Cl8-Dibenzofuran	"	17	13	13	41
1,2,3,4,6,7,8,9-Cl8-Dibenzo-p-dioxin	"	290	230	220	550
2,3,7,8-TCDF (DB225)	pg	10	5.4	4.4	27
Internal Recoveries	%				
2,3,7,8-TCDF-13C12		97	90	92	100
TEQ based on Nato Factors	pg	4.1	6.5	4.8	30.3
TEQ's converted into appropriate units	**ng/m²**	**0.197**	**0.312**	**0.230**	**1.454**

Client:Philip Analytical Services Inc Project:Misc.

NYC-WTC_000445802

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	D:	R02090957 05A	R02090957 06A	R02090957 07A	R02090957 08A
	).:	060289 02	060290 02	060291 02	060292 02
	d:	12-Sep-2002	12-Sep-2002	12-Sep-2002	12-Sep-2002
Component	**Units**				
Total Tetrachlorodibenzofurans	pg	160	69	<2.9	88
Total Pentachlorodibenzofurans	"	77	19	<4.3	38
Total Hexachlorodibenzofurans	"	33	9.7	<1.2	15
Total Heptachlorodibenzofurans	"	<5.3	<13	<1.8	<13
Octachlorodibenzofuran	"	7.9	6.7	<3.8	11
Total Tetrachlorodibenzo-p-dioxins	"	160	89	9.9	160
Total Pentachlorodibenzo-p-dioxins	"	9.6	23	<3.8	13
Total Hexachlorodibenzo-p-dioxins	"	18	5.1	<13	15
Total Heptachlorodibenzo-p-dioxins	"	59	38	<3.3	60
Octachlorodibenzo-p-dioxin	"	140	210	16	210
Internal Recoveries	%				
2,3,7,8-T4CDF-13C12		94	106	83	84
2,3,7,8-T4CDD-13C12		82	91	74	73
1,2,3,7,8-P5CDF-13C12		102	119	89	84
1,2,3,7,8-P5CDD-13C12		99	118	88	83
1,2,3,4,7,8-H6CDF-13C12		92	98	94	85
1,2,3,6,7,8-H6CDD-13C12		87	94	85	78
1,2,3,4,6,7,8-H7CDF-13C12		89	93	86	81
1,2,3,4,6,7,8-H7CDD-13C12		87	89	78	77
OCDD-13C12		76	81	68	68
2,3,7,8-Cl4-Dibenzofuran (DB5)	pg	<25	13	<2.9	<23
2,3,7,8-Cl4-Dibenzo-p-dioxin	"	<5.1	<3.3	<4.8	<3.8
1,2,3,7,8-Cl5-Dibenzofuran	"	<1.5	<5.2	<4.1	<6.8
2,3,4,7,8-Cl5-Dibenzofuran	"	<1.6	<5.5	<4.4	<7.2
1,2,3,7,8-Cl5-Dibenzo-p-dioxin	"	<1.1	<2.9	<3.8	<3.6
1,2,3,4,7,8-Cl6-Dibenzofuran	"	9.6	5.9	<1.2	7.4
1,2,3,6,7,8-Cl6-Dibenzofuran	"	<4.6	3.1	<0.99	2.9
2,3,4,6,7,8-Cl6-Dibenzofuran	"	4.0	<2.5	<1.3	<2.8
1,2,3,7,8,9-Cl6-Dibenzofuran	"	<3.8	<1.9	<1.4	<3.1
1,2,3,4,7,8-Cl6-Dibenzo-p-dioxin	"	<4.8	<3.5	<4.0	<4.4
1,2,3,6,7,8-Cl6-Dibenzo-p-dioxin	"	<3.5	<2.5	<2.9	<3.2
1,2,3,7,8,9-Cl6-Dibenzo-p-dioxin	"	<3.8	<2.7	<3.1	<3.4
1,2,3,4,6,7,8-Cl7-Dibenzofuran	"	<13	<11	<1.6	<12
1,2,3,4,7,8,9-Cl7-Dibenzofuran	"	<6.2	<1.6	<1.7	<6.6
1,2,3,4,6,7,8-Cl7-Dibenzo-p-dioxin	"	<3.3	38	<3.3	35
1,2,3,4,6,7,8,9-Cl8-Dibenzofuran	"	7.9	6.7	<3.8	11
1,2,3,4,6,7,8,9-Cl8-Dibenzo-p-dioxin	"	140	210	16	210
2,3,7,8-TCDF (DB225)	pg	<6.1	<4.1	<4.2	<5.4
Internal Recoveries	%				
2,3,7,8-TCDF-13C12		90	96	79	79
TEQ based on Nato Factors	pg	1.5	2.8	0.02	1.6
TEQ's converted into appropriate units	**ng/m²**	**0.072**	**0.134**	**0.001**	**0.077**

Client:Philip Analytical Services Inc Project:Misc.

NYC-WTC_000445803

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PASC - Certificate of Analysis

	D:	R02090957 09A	R02090957 10A	R02090957 11A	R02090957 12A
	).:	060293 02	060323 02	060324 02	060325 02
	d:	12-Sep-2002	12-Sep-2002	12-Sep-2002	12-Sep-2002
Component	**Units**				
Total Tetrachlorodibenzofurans	pg	330	78	33	79
Total Pentachlorodibenzofurans	"	340	23	25	45
Total Hexachlorodibenzofurans	"	170	8.6	10	20
Total Heptachlorodibenzofurans	"	20	<9.7	<13	<15
Octachlorodibenzofuran	"	72	9.9	6.9	14
Total Tetrachlorodibenzo-p-dioxins	"	360	120	62	150
Total Pentachlorodibenzo-p-dioxins	"	370	23	19	31
Total Hexachlorodibenzo-p-dioxins	"	440	21	22	43
Total Heptachlorodibenzo-p-dioxins	"	300	21	34	100
Octachlorodibenzo-p-dioxin	"	890	47	110	250
Internal Recoveries	%				
2,3,7,8-T4CDF-13C12		102	93	90	94
2,3,7,8-T4CDD-13C12		88	87	83	86
1,2,3,7,8-P5CDF-13C12		101	99	88	104
1,2,3,7,8-P5CDD-13C12		98	98	87	100
1,2,3,4,7,8-H6CDF-13C12		97	96	94	97
1,2,3,6,7,8-H6CDD-13C12		90	92	93	91
1,2,3,4,6,7,8-H7CDF-13C12		100	91	89	91
1,2,3,4,6,7,8-H7CDD-13C12		97	93	90	90
OCDD-13C12		84	87	90	88
2,3,7,8-Cl4-Dibenzofuran (DB5)	pg	<56	<18	<14	<18
2,3,7,8-Cl4-Dibenzo-p-dioxin	"	<4.7	<2.4	<2.4	<2.0
1,2,3,7,8-Cl5-Dibenzofuran	"	12	4.8	<4.1	<2.7
2,3,4,7,8-Cl5-Dibenzofuran	"	32	5.6	<4.2	5.2
1,2,3,7,8-Cl5-Dibenzo-p-dioxin	"	<6.0	<2.2	<2.5	<3.2
1,2,3,4,7,8-Cl6-Dibenzofuran	"	51	4.8	4.1	5.9
1,2,3,6,7,8-Cl6-Dibenzofuran	"	20	<2.8	<2.3	3.0
2,3,4,6,7,8-Cl6-Dibenzofuran	"	<14	<3.3	<2.7	<2.9
1,2,3,7,8,9-Cl6-Dibenzofuran	"	<4.6	<3.5	<2.9	<3.1
1,2,3,4,7,8-Cl6-Dibenzo-p-dioxin	"	<6.1	<3.0	<2.9	<2.8
1,2,3,6,7,8-Cl6-Dibenzo-p-dioxin	"	14	<2.7	<2.6	3.2
1,2,3,7,8,9-Cl6-Dibenzo-p-dioxin	"	24	<2.4	<2.4	<2.3
1,2,3,4,6,7,8-Cl7-Dibenzofuran	"	<89	<8.7	<11	<13
1,2,3,4,7,8,9-Cl7-Dibenzofuran	"	<2.8	<11	<15	<17
1,2,3,4,6,7,8-Cl7-Dibenzo-p-dioxin	"	160	12	18	59
1,2,3,4,6,7,8,9-Cl8-Dibenzofuran	"	72	9.9	6.9	14
1,2,3,4,6,7,8,9-Cl8-Dibenzo-p-dioxin	"	890	47	110	250
2,3,7,8-TCDF (DB225)	pg	12	<3.6	<3.7	<4.3
Internal Recoveries	%				
2,3,7,8-TCDF-13C12		97	97	93	99
TEQ based on Nato Factors	pg	30.3	3.7	0.71	4.7
TEQ's converted into appropriate units	**ng/m²**	**1.454**	**0.178**	**0.034**	**0.226**

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NYC-WTC_000445804

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PASC - Certificate of Analysis

	D:	R02090957 13A	R02090957 14A	R02090957 15A	R02090957 16A
	).:	060326 02	060327 02	060328 02	060329 02
	d:	12-Sep-2002	12-Sep-2002	12-Sep-2002	12-Sep-2002
Component	**Units**				
Total Tetrachlorodibenzofurans	pg	2.8	17	170	5.9
Total Pentachlorodibenzofurans	"	<3.5	39	40	<3.9
Total Hexachlorodibenzofurans	"	<2.6	29	19	<1.2
Total Heptachlorodibenzofurans	"	<10	<18	<20	<1.8
Octachlorodibenzofuran	"	<4.5	17	16	<3.1
Total Tetrachlorodibenzo-p-dioxins	"	5.7	83	160	21
Total Pentachlorodibenzo-p-dioxins	"	<2.0	65	37	5.7
Total Hexachlorodibenzo-p-dioxins	"	<2.6	69	41	<13
Total Heptachlorodibenzo-p-dioxins	"	10	50	25	5.4
Octachlorodibenzo-p-dioxin	"	28	110	150	27
Internal Recoveries	%				
2,3,7,8-T4CDF-13C12		88	98	66	95
2,3,7,8-T4CDD-13C12		83	88	63	87
1,2,3,7,8-P5CDF-13C12		94	105	66	93
1,2,3,7,8-P5CDD-13C12		100	106	65	94
1,2,3,4,7,8-H6CDF-13C12		99	103	72	92
1,2,3,6,7,8-H6CDD-13C12		99	98	71	92
1,2,3,4,6,7,8-H7CDF-13C12		96	96	70	94
1,2,3,4,6,7,8-H7CDD-13C12		99	94	69	93
OCDD-13C12		93	96	70	81
2,3,7,8-Cl4-Dibenzofuran (DB5)	pg	<2.8	<11	<25	<3.4
2,3,7,8-Cl4-Dibenzo-p-dioxin	"	<2.3	<2.8	<3.3	<3.6
1,2,3,7,8-Cl5-Dibenzofuran	"	<3.4	<5.6	<4.6	<3.8
2,3,4,7,8-Cl5-Dibenzofuran	"	<3.6	<8.4	<4.8	<4.1
1,2,3,7,8-Cl5-Dibenzo-p-dioxin	"	<2.0	<3.5	<3.0	<3.7
1,2,3,4,7,8-Cl6-Dibenzofuran	"	<2.4	9.3	7.9	<1.2
1,2,3,6,7,8-Cl6-Dibenzofuran	"	<2.3	<6.1	<4.5	<0.98
2,3,4,6,7,8-Cl6-Dibenzofuran	"	<2.7	7.0	<5.4	<1.3
1,2,3,7,8,9-Cl6-Dibenzofuran	"	<2.9	<2.9	<5.7	<1.4
1,2,3,4,7,8-Cl6-Dibenzo-p-dioxin	"	<2.9	3.8	<3.2	<3.6
1,2,3,6,7,8-Cl6-Dibenzo-p-dioxin	"	<2.6	4.2	<2.9	<2.6
1,2,3,7,8,9-Cl6-Dibenzo-p-dioxin	"	<2.4	6.0	<2.6	<2.8
1,2,3,4,6,7,8-Cl7-Dibenzofuran	"	<9.2	<16	<18	<1.6
1,2,3,4,7,8,9-Cl7-Dibenzofuran	"	<12	<20	<22	<2.1
1,2,3,4,6,7,8-Cl7-Dibenzo-p-dioxin	"	6.6	28	<23	5.4
1,2,3,4,6,7,8,9-Cl8-Dibenzofuran	"	<4.5	17	16	<3.1
1,2,3,4,6,7,8,9-Cl8-Dibenzo-p-dioxin	"	28	110	150	27
2,3,7,8-TCDF (DB225)	pg	<4.2	<3.1	<8.8	<4.1
Internal Recoveries	%				
2,3,7,8-TCDF-13C12		94	99	73	102
TEQ based on Nato Factors	pg	0.09	3.4	0.95	0.08
TEQ's converted into appropriate units	**ng/m²**	**0.004**	**0.163**	**0.046**	**0.004**

Client:Philip Analytical Services Inc Project:Misc.

NYC-WTC_000445805

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PASC - Certificate of Analysis

		R02090957	R02090957	Method	Method
D:		17A	18A	Blank 10/08	Blank 10/09
ɔ.:		060330 02	060331 02		
d:		12-Sep-2002	12-Sep-2002	12-Sep-2002	12-Sep-2002
Component	**Units**				
Total Tetrachlorodibenzofurans	pg	36	90	<4.4	<1.5
Total Pentachlorodibenzofurans	"	13	39	<10	<1.8
Total Hexachlorodibenzofurans	"	5.4	20	5.4	<3.0
Total Heptachlorodibenzofurans	"	<1.1	<2.0	21	<3.3
Octachlorodibenzofuran	"	<3.6	12	33	<5.3
Total Tetrachlorodibenzo-p-dioxins	"	30	86	<6.0	<1.8
Total Pentachlorodibenzo-p-dioxins	"	<4.7	38	<5.2	<2.5
Total Hexachlorodibenzo-p-dioxins	"	<19	6.0	<7.4	<2.7
Total Heptachlorodibenzo-p-dioxins	"	4.3	80	21	10
Octachlorodibenzo-p-dioxin	"	28	340	42	30
Internal Recoveries	%				
2,3,7,8-T4CDF-13C12		111	102	74	86
2,3,7,8-T4CDD-13C12		74	84	77	80
1,2,3,7,8-P5CDF-13C12		103	104	75	86
1,2,3,7,8-P5CDD-13C12		104	106	80	87
1,2,3,4,7,8-H6CDF-13C12		96	95	74	100
1,2,3,6,7,8-H6CDD-13C12		96	91	78	100
1,2,3,4,6,7,8-H7CDF-13C12		93	91	69	98
1,2,3,4,6,7,8-H7CDD-13C12		92	89	80	100
OCDD-13C12		81	79	78	94
2,3,7,8-Cl4-Dibenzofuran (DB5)	pg	11	17	<4.4	<1.5
2,3,7,8-Cl4-Dibenzo-p-dioxin	"	<4.8	<3.3	<6.0	<1.8
1,2,3,7,8-Cl5-Dibenzofuran	"	<5.5	<3.6	<10	<1.8
2,3,4,7,8-Cl5-Dibenzofuran	"	<5.8	<4.4	<10	<1.9
1,2,3,7,8-Cl5-Dibenzo-p-dioxin	"	<4.7	<4.9	<5.2	<2.5
1,2,3,4,7,8-Cl6-Dibenzofuran	"	2.1	7.1	5.2	<2.8
1,2,3,6,7,8-Cl6-Dibenzofuran	"	<1.4	<2.8	<3.7	<2.6
2,3,4,6,7,8-Cl6-Dibenzofuran	"	<1.8	<3.6	<4.5	<3.2
1,2,3,7,8,9-Cl6-Dibenzofuran	"	<2.0	<4.0	<4.7	<3.4
1,2,3,4,7,8-Cl6-Dibenzo-p-dioxin	"	<3.8	<4.4	<8.2	<3.0
1,2,3,6,7,8-Cl6-Dibenzo-p-dioxin	"	<2.7	<3.3	<7.4	<2.7
1,2,3,7,8,9-Cl6-Dibenzo-p-dioxin	"	<3.0	<3.5	<6.7	<2.5
1,2,3,4,6,7,8-Cl7-Dibenzofuran	"	<2.1	<15	11	<3.0
1,2,3,4,7,8,9-Cl7-Dibenzofuran	"	<1.2	<2.3	<5.7	<3.8
1,2,3,4,6,7,8-Cl7-Dibenzo-p-dioxin	"	4.3	41	21	6.7
1,2,3,4,6,7,8,9-Cl8-Dibenzofuran	"	<3.6	12	33	<5.3
1,2,3,4,6,7,8,9-Cl8-Dibenzo-p-dioxin	"	28	340	42	30
2,3,7,8-TCDF (DB225)	pg	<3.8	<3.9	-	
Internal Recoveries	%				
2,3,7,8-TCDF-13C12		92	98	-	
TEQ based on Nato Factors	pg	1.4	3.2		
TEQ's converted into appropriate units	**ng/m²**	**0.067**	**0.154**	**0.000**	**0.000**

Client:Philip Analytical Services Inc Project:Misc.

NYC-WTC_000445806

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Component	Units	Blank Spike	Blank Spike %Recoveries
Total Tetrachlorodibenzofurans	pg	1100	-
Total Pentachlorodibenzofurans	"	5300	-
Total Hexachlorodibenzofurans	"	9100	-
Total Heptachlorodibenzofurans	"	5000	-
Octachlorodibenzofuran	"	4700	-
Total Tetrachlorodibenzo-p-dioxins	"	1000	-
Total Pentachlorodibenzo-p-dioxins	"	2700	-
Total Hexachlorodibenzo-p-dioxins	"	7200	-
Total Heptachlorodibenzo-p-dioxins	"	2500	-
Octachlorodibenzo-p-dioxin	"	4800	-
Internal Recoveries	%		
2,3,7,8-T4CDF-13C12		86	86
2,3,7,8-T4CDD-13C12		81	81
1,2,3,7,8-P5CDF-13C12		88	88
1,2,3,7,8-P5CDD-13C12		90	90
1,2,3,4,7,8-H6CDF-13C12		93	93
1,2,3,6,7,8-H6CDD-13C12		95	95
1,2,3,4,6,7,8-H7CDF-13C12		95	95
1,2,3,4,6,7,8-H7CDD-13C12		95	95
OCDD-13C12		86	86
2,3,7,8-Cl4-Dibenzofuran (DB5)	pg	1000	104
2,3,7,8-Cl4-Dibenzo-p-dioxin	"	1000	102
1,2,3,7,8-Cl5-Dibenzofuran	"	2600	102
2,3,4,7,8-Cl5-Dibenzofuran	"	2700	107
1,2,3,7,8-Cl5-Dibenzo-p-dioxin	"	2700	108
1,2,3,4,7,8-Cl6-Dibenzofuran	"	2400	94
1,2,3,6,7,8-Cl6-Dibenzofuran	"	2200	88
2,3,4,6,7,8-Cl6-Dibenzofuran	"	2400	95
1,2,3,7,8,9-Cl6-Dibenzofuran	"	2100	85
1,2,3,4,7,8-Cl6-Dibenzo-p-dioxin	"	2500	98
1,2,3,6,7,8-Cl6-Dibenzo-p-dioxin	"	2500	98
1,2,3,7,8,9-Cl6-Dibenzo-p-dioxin	"	2300	92
1,2,3,4,6,7,8-Cl7-Dibenzofuran	"	2500	100
1,2,3,4,7,8,9-Cl7-Dibenzofuran	"	2500	99
1,2,3,4,6,7,8-Cl7-Dibenzo-p-dioxin	"	2400	97
1,2,3,4,6,7,8,9-Cl8-Dibenzofuran	"	4700	95
1,2,3,4,6,7,8,9-Cl8-Dibenzo-p-dioxin	"	4800	96
2,3,7,8-TCDF (DB225)	pg		
Internal Recoveries	%		
2,3,7,8-TCDF-13C12			
TEQ based on Nato Factors	pg		
TEQ's converted into appropriate units	**ng/m²**	**0.000**	**0.000**

Client:Philip Analytical Services Inc Project:Misc.

NYC-WTC_000445807

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PASC - Summary of Analysis Pre. Dates

Batch Code:	**1008HW01**	**1008HW01**	**1009NZ01**	
PCDD/F(DB5)	060285 02	060288 02	060289 02	
	060286 02		060290 02	
	060287 02		060291 02	
			060292 02	
			060293 02	
			060323 02	
			060324 02	
			060325 02	
			060326 02	
			060327 02	
			060328 02	
			060329 02	
			060330 02	
			060331 02	
Date Analysed:	02/10/21	02/10/22	02/10/19	
Date Prepared:	02/10/08	02/10/08	02/10/09	

Batch Code:	**1008HW01**	**1009NZ01**	**1009NZ01**	**1009NZ01**
2,3,7,8-TCDF (DB225)	060285 02	060289 02	060323 02	060329 02
	060286 02	060290 02	060324 02	
	060287 02	060291 02	060325 02	
	060288 02	060292 02	060326 02	
		060293 02	060327 02	
		060330 02	060328 02	
		060331 02		
Date Analysed:	02/10/22	02/10/21	02/10/20	02/10/20
Date Prepared:	02/10/08	02/10/09	02/10/09	02/10/09

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