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.:	2I0647
Sample No.:	060266-060284

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:_____

CONFIDENTIAL, CITY_21MC100_003484016

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

NYC-WTC_000233764

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			Method	Blank	Blank	R02090951
	Client ID:		Blank10/04	Spike#1	Spike#1	01A
	Lab No.:		060266 02	060266 02	%Recoveries	060267 02
	Date Sampled:		12-Sep-2002	12-Sep-2002		12-Sep-2002
Component	**MDL**	**Units**				
Total Tetrachlorodibenzofurans		pg	<3.9	1100	-	<2.0
Total Pentachlorodibenzofurans		"	17	6400	-	<2.2
Total Hexachlorodibenzofurans		"	52	10000	-	<1.6
Total Heptachlorodibenzofurans		"	42	5100	-	<2.1
Octachlorodibenzofuran		"	67	4400	-	3.5
Total Tetrachlorodibenzo-p-dioxins		"	4.3	1100	-	4.3
Total Pentachlorodibenzo-p-dioxins		"	12	2700	-	<2.9
Total Hexachlorodibenzo-p-dioxins		"	35	7900	-	<8.9
Total Heptachlorodibenzo-p-dioxins		"	26	2600	-	3.9
Octachlorodibenzo-p-dioxin		"	65	4900	-	16
Internal Recoveries		%				
2,3,7,8-T4CDF-13C12			65	70	70	82
2,3,7,8-T4CDD-13C12			74	84	84	79
1,2,3,7,8-P5CDF-13C12			43	70	70	88
1,2,3,7,8-P5CDD-13C12			48	76	76	105
1,2,3,4,7,8-H6CDF-13C12			72	85	85	86
1,2,3,6,7,8-H6CDD-13C12			74	88	88	91
1,2,3,4,6,7,8-H7CDF-13C12			82	86	86	83
1,2,3,4,6,7,8-H7CDD-13C12			75	89	89	81
OCDD-13C12			84	108	108	94
2,3,7,8-Cl4-Dibenzofuran (DB5)		pg	<3.9	1100	105	<2.0
2,3,7,8-Cl4-Dibenzo-p-dioxin		"	4.3	1100	109	<2.6
1,2,3,7,8-Cl5-Dibenzofuran		"	<9.6	2900	114	<2.1
2,3,4,7,8-Cl5-Dibenzofuran		"	17	3500	139	<2.3
1,2,3,7,8-Cl5-Dibenzo-p-dioxin		"	12	2700	110	<2.9
1,2,3,4,7,8-Cl6-Dibenzofuran		"	11	2400	97	<1.4
1,2,3,6,7,8-Cl6-Dibenzofuran		"	14	2600	102	<1.4
2,3,4,6,7,8-Cl6-Dibenzofuran		"	<14	2500	100	<1.7
1,2,3,7,8,9-Cl6-Dibenzofuran		"	29	2500	98	<2.0
1,2,3,4,7,8-Cl6-Dibenzo-p-dioxin		"	<9.1	2700	108	<4.6
1,2,3,6,7,8-Cl6-Dibenzo-p-dioxin		"	14	2600	105	<4.5
1,2,3,7,8,9-Cl6-Dibenzo-p-dioxin		"	22	2600	102	<4.4
1,2,3,4,6,7,8-Cl7-Dibenzofuran		"	18	2600	104	<1.8
1,2,3,4,7,8,9-Cl7-Dibenzofuran		"	25	2400	97	<2.5
1,2,3,4,6,7,8-Cl7-Dibenzo-p-dioxin		"	26	2600	103	3.9
1,2,3,4,6,7,8,9-Cl8-Dibenzofuran		"	67	4400	87	3.5
1,2,3,4,6,7,8,9-Cl8-Dibenzo-p-dioxin		"	65	4900	99	16
2,3,7,8-TCDF (DB225)		pg	-	-		-
Internal Recoveries		%				
2,3,7,8-TCDF-13C12			-	-		-
TEQ based on Nato Factors		pg	26.0			3.8

Client:Philip Analytical Services Inc Project:Misc.

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

NYC-WTC_000233765

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			R02090951	R02090951	R02090951	R02090951
	Client ID:		02A	03A	04A	05A
	Lab No.:		060268 02	060269 02	060270 02	060271 02
	Sampled:		12-Sep-2002	12-Sep-2002	12-Sep-2002	12-Sep-2002
Component	**MDL**	**Units**				
Total Tetrachlorodibenzofurans		pg	130	27	<1.9	<2.0
Total Pentachlorodibenzofurans		"	55	<8.8	<1.9	<3.4
Total Hexachlorodibenzofurans		"	45	21	<1.5	<1.2
Total Heptachlorodibenzofurans		"	46	57	<1.9	<1.8
Octachlorodibenzofuran		"	33	53	<2.7	<2.2
Total Tetrachlorodibenzo-p-dioxins		"	110	56	<3.7	<3.4
Total Pentachlorodibenzo-p-dioxins		"	16	5.1	<3.4	<5.8
Total Hexachlorodibenzo-p-dioxins		"	<35	2.9	<8.0	<11
Total Heptachlorodibenzo-p-dioxins		"	88	62	<3.3	7.0
Octachlorodibenzo-p-dioxin		"	390	320	16	13
Internal Recoveries		%				
2,3,7,8-T4CDF-13C12			72	68	65	81
2,3,7,8-T4CDD-13C12			75	76	73	85
1,2,3,7,8-P5CDF-13C12			61	76	60	86
1,2,3,7,8-P5CDD-13C12			67	93	67	96
1,2,3,4,7,8-H6CDF-13C12			73	79	79	96
1,2,3,6,7,8-H6CDD-13C12			76	80	77	94
1,2,3,4,6,7,8-H7CDF-13C12			71	78	85	97
1,2,3,4,6,7,8-H7CDD-13C12			68	79	82	91
OCDD-13C12			75	91	100	115
2,3,7,8-Cl4-Dibenzofuran (DB5)		pg	20	11	<1.9	<2.0
2,3,7,8-Cl4-Dibenzo-p-dioxin		"	<2.5	<3.7	<2.7	<2.5
1,2,3,7,8-Cl5-Dibenzofuran		"	4.0	<6.5	<1.8	<3.2
2,3,4,7,8-Cl5-Dibenzofuran		"	<5.0	<7.1	<1.9	<3.5
1,2,3,7,8-Cl5-Dibenzo-p-dioxin		"	<3.6	<4.2	<3.4	<3.0
1,2,3,4,7,8-Cl6-Dibenzofuran		"	8.2	5.2	<1.3	<1.1
1,2,3,6,7,8-Cl6-Dibenzofuran		"	4.5	3.0	<1.4	<1.1
2,3,4,6,7,8-Cl6-Dibenzofuran		"	10	<2.7	<1.6	<1.3
1,2,3,7,8,9-Cl6-Dibenzofuran		"	<2.5	<3.3	<2.0	<1.6
1,2,3,4,7,8-Cl6-Dibenzo-p-dioxin		"	<2.4	<2.6	<3.2	<3.3
1,2,3,6,7,8-Cl6-Dibenzo-p-dioxin		"	<3.4	<2.6	<3.1	<3.3
1,2,3,7,8,9-Cl6-Dibenzo-p-dioxin		"	<2.3	<2.5	<3.1	<3.2
1,2,3,4,6,7,8-Cl7-Dibenzofuran		"	21	33	<1.6	<1.5
1,2,3,4,7,8,9-Cl7-Dibenzofuran		"	<3.1	<2.8	<2.3	<2.2
1,2,3,4,6,7,8-Cl7-Dibenzo-p-dioxin		"	48	35	<3.3	4.7
1,2,3,4,6,7,8,9-Cl8-Dibenzofuran		"	33	53	<2.7	<2.2
1,2,3,4,6,7,8,9-Cl8-Dibenzo-p-dioxin		"	390	320	16	13
2,3,7,8-TCDF (DB225)		pg	13	<6.5	-	-
Internal Recoveries		%				
2,3,7,8-TCDF-13C12			88	81	-	-
TEQ based on Nato Factors		pg	8.7	7.7	3.7	3.9

Client:Philip Analytical Services Inc Project:Misc.

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

NYC-WTC_000233766

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Component	MDL	Units	R02090951 06A	R02090951 07A	R02090951 08A	R02090951 09A
Client ID:			06A	07A	08A	09A
Lab No.:			060272 02	060273 02	060274 02	060275 02
Sampled:			12-Sep-2002	12-Sep-2002	12-Sep-2002	12-Sep-2002
Total Tetrachlorodibenzofurans		pg	5.8	<1.7	<1.7	4.8
Total Pentachlorodibenzofurans		"	<1.5	<1.6	<1.7	<9.5
Total Hexachlorodibenzofurans		"	2.5	<1.1	1.8	<4.1
Total Heptachlorodibenzofurans		"	11	<2.1	<3.8	<6.3
Octachlorodibenzofuran		"	9.6	4.2	<2.5	<5.3
Total Tetrachlorodibenzo-p-dioxins		"	20	<1.3	<2.0	10
Total Pentachlorodibenzo-p-dioxins		"	<3.4	<2.9	<2.6	<5.9
Total Hexachlorodibenzo-p-dioxins		"	1.7	<3.7	1.9	<16
Total Heptachlorodibenzo-p-dioxins		"	9.8	<2.0	4.2	7.7
Octachlorodibenzo-p-dioxin		"	68	8.6	12	46
Internal Recoveries		%				
2,3,7,8-T4CDF-13C12			72	75	71	81
2,3,7,8-T4CDD-13C12			85	92	83	76
1,2,3,7,8-P5CDF-13C12			67	83	70	74
1,2,3,7,8-P5CDD-13C12			76	91	79	79
1,2,3,4,7,8-H6CDF-13C12			86	96	90	79
1,2,3,6,7,8-H6CDD-13C12			90	95	94	82
1,2,3,4,6,7,8-H7CDF-13C12			92	97	92	77
1,2,3,4,6,7,8-H7CDD-13C12			93	97	97	78
OCDD-13C12			104	112	114	68
2,3,7,8-Cl4-Dibenzofuran (DB5)		pg	4.0	<1.7	<1.7	<4.8
2,3,7,8-Cl4-Dibenzo-p-dioxin		"	<1.3	<1.3	<2.0	<5.9
1,2,3,7,8-Cl5-Dibenzofuran		"	<1.5	<1.5	<1.6	<9.2
2,3,4,7,8-Cl5-Dibenzofuran		"	<1.6	<1.6	<1.8	<9.8
1,2,3,7,8-Cl5-Dibenzo-p-dioxin		"	<2.8	<2.9	<2.6	<5.9
1,2,3,4,7,8-Cl6-Dibenzofuran		"	<0.92	<0.97	1.6	<4.1
1,2,3,6,7,8-Cl6-Dibenzofuran		"	<0.94	<0.99	<0.86	<3.4
2,3,4,6,7,8-Cl6-Dibenzofuran		"	<1.1	<1.2	<1.0	<4.4
1,2,3,7,8,9-Cl6-Dibenzofuran		"	<1.4	<1.4	<1.2	<4.8
1,2,3,4,7,8-Cl6-Dibenzo-p-dioxin		"	<1.2	<1.6	<1.4	<20
1,2,3,6,7,8-Cl6-Dibenzo-p-dioxin		"	<1.2	<1.6	<1.4	<14
1,2,3,7,8,9-Cl6-Dibenzo-p-dioxin		"	<1.2	<1.6	<1.3	<15
1,2,3,4,6,7,8-Cl7-Dibenzofuran		"	5.0	<3.2	<3.3	<5.5
1,2,3,4,7,8,9-Cl7-Dibenzofuran		"	<2.2	<4.5	<4.6	<7.4
1,2,3,4,6,7,8-Cl7-Dibenzo-p-dioxin		"	9.8	<2.7	4.2	7.7
1,2,3,4,6,7,8,9-Cl8-Dibenzofuran		"	9.6	4.2	<2.5	<5.3
1,2,3,4,6,7,8,9-Cl8-Dibenzo-p-dioxin		"	68	8.6	12	46
2,3,7,8-TCDF (DB225)		pg	<5.7	<3.1	<3.7	<4.8
Internal Recoveries		%				
2,3,7,8-TCDF-13C12			96	92	92	81
TEQ based on Nato Factors		pg	2.7	2.4	2.8	11.2

Client:Philip Analytical Services Inc Project:Misc.

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Component	MDL	Units	R02090951 10A	R02090951 11A	R02090951 12A	R02090951 13A
Client ID:			10A	11A	12A	13A
Lab No.:			060276 02	060277 02	060278 02	060279 02
Sampled:			12-Sep-2002	12-Sep-2002	12-Sep-2002	12-Sep-2002
Total Tetrachlorodibenzofurans		pg	970	180	170	<2.0
Total Pentachlorodibenzofurans		"	450	110	78	<2.7
Total Hexachlorodibenzofurans		"	250	45	45	<2.6
Total Heptachlorodibenzofurans		"	35	11	11	<3.4
Octachlorodibenzofuran		"	58	12	16	<5.1
Total Tetrachlorodibenzo-p-dioxins		"	1700	230	170	6.6
Total Pentachlorodibenzo-p-dioxins		"	290	130	56	<4.6
Total Hexachlorodibenzo-p-dioxins		"	260	14	17	<13
Total Heptachlorodibenzo-p-dioxins		"	190	90	80	5.0
Octachlorodibenzo-p-dioxin		"	730	350	320	13
Internal Recoveries		%				
2,3,7,8-T4CDF-13C12			93	87	92	86
2,3,7,8-T4CDD-13C12			80	80	85	81
1,2,3,7,8-P5CDF-13C12			88	82	84	79
1,2,3,7,8-P5CDD-13C12			95	88	87	85
1,2,3,4,7,8-H6CDF-13C12			95	90	85	86
1,2,3,6,7,8-H6CDD-13C12			93	93	88	87
1,2,3,4,6,7,8-H7CDF-13C12			85	86	80	78
1,2,3,4,6,7,8-H7CDD-13C12			88	91	85	87
OCDD-13C12			79	86	77	77
2,3,7,8-Cl4-Dibenzofuran (DB5)		pg	140	28	21	<2.0
2,3,7,8-Cl4-Dibenzo-p-dioxin		"	<10	<3.4	<3.3	<3.2
1,2,3,7,8-Cl5-Dibenzofuran		"	<12	<2.2	<6.1	<2.6
2,3,4,7,8-Cl5-Dibenzofuran		"	31	13	8.0	<2.8
1,2,3,7,8-Cl5-Dibenzo-p-dioxin		"	<4.6	<3.5	<3.9	<4.6
1,2,3,4,7,8-Cl6-Dibenzofuran		"	50	15	11	<2.5
1,2,3,6,7,8-Cl6-Dibenzofuran		"	19	<7.0	<5.3	<2.1
2,3,4,6,7,8-Cl6-Dibenzofuran		"	22	<7.2	7.8	<2.8
1,2,3,7,8,9-Cl6-Dibenzofuran		"	<8.0	<3.7	<4.3	<3.0
1,2,3,4,7,8-Cl6-Dibenzo-p-dioxin		"	<3.5	<4.0	<6.2	<16
1,2,3,6,7,8-Cl6-Dibenzo-p-dioxin		"	9.7	4.4	<4.4	<12
1,2,3,7,8,9-Cl6-Dibenzo-p-dioxin		"	10	<5.3	<4.8	<13
1,2,3,4,6,7,8-Cl7-Dibenzofuran		"	<68	<24	<23	<2.9
1,2,3,4,7,8,9-Cl7-Dibenzofuran		"	19	<8.5	<5.2	<3.9
1,2,3,4,6,7,8-Cl7-Dibenzo-p-dioxin		"	100	47	40	5.0
1,2,3,4,6,7,8,9-Cl8-Dibenzofuran		"	58	12	16	<5.1
1,2,3,4,6,7,8,9-Cl8-Dibenzo-p-dioxin		"	730	350	320	13
2,3,7,8-TCDF (DB225)		pg	37	<9.8	<6.7	<8.9
Internal Recoveries		%				
2,3,7,8-TCDF-13C12			87	86	93	94
TEQ based on Nato Factors		pg	44.6	13.9	11.1	6.3

Client:Philip Analytical Services Inc Project:Misc.

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

NYC-WTC_000233768

NYC 9/11 Public Portal Document

PASC - Certificate of Analysis

			R02090951	R02090951	R02090951	R02090951
	Client ID:		14A	15A	16A	17A
	Lab No.:		060280 02	060281 02	060282 02	060283 02
	Sampled:		12-Sep-2002	12-Sep-2002	12-Sep-2002	12-Sep-2002
Component	**MDL**	**Units**				
Total Tetrachlorodibenzofurans		pg	140	81	120	65
Total Pentachlorodibenzofurans		"	95	64	250	19
Total Hexachlorodibenzofurans		"	71	32	83	8.5
Total Heptachlorodibenzofurans		"	<27	16	21	<8.9
Octachlorodibenzofuran		"	22	18	31	7.9
Total Tetrachlorodibenzo-p-dioxins		"	190	130	670	94
Total Pentachlorodibenzo-p-dioxins		"	160	80	210	17
Total Hexachlorodibenzo-p-dioxins		"	120	47	92	18
Total Heptachlorodibenzo-p-dioxins		"	77	58	110	12
Octachlorodibenzo-p-dioxin		"	240	200	440	100
Internal Recoveries		%				
2,3,7,8-T4CDF-13C12			94	78	84	79
2,3,7,8-T4CDD-13C12			88	86	91	83
1,2,3,7,8-P5CDF-13C12			85	77	83	84
1,2,3,7,8-P5CDD-13C12			93	80	92	88
1,2,3,4,7,8-H6CDF-13C12			88	81	87	79
1,2,3,6,7,8-H6CDD-13C12			91	85	97	85
1,2,3,4,6,7,8-H7CDF-13C12			82	73	78	70
1,2,3,4,6,7,8-H7CDD-13C12			90	82	86	80
OCDD-13C12			80	88	90	82
2,3,7,8-Cl4-Dibenzofuran (DB5)		pg	25	<17	<49	<13
2,3,7,8-Cl4-Dibenzo-p-dioxin		"	<2.7	<2.4	<3.8	<2.0
1,2,3,7,8-Cl5-Dibenzofuran		"	<5.7	6.3	<9.1	<3.5
2,3,4,7,8-Cl5-Dibenzofuran		"	<13	6.5	16	<3.7
1,2,3,7,8-Cl5-Dibenzo-p-dioxin		"	<2.3	<2.3	<3.0	<2.6
1,2,3,4,7,8-Cl6-Dibenzofuran		"	17	9.4	23	3.8
1,2,3,6,7,8-Cl6-Dibenzofuran		"	7.8	<4.1	8.3	<2.4
2,3,4,6,7,8-Cl6-Dibenzofuran		"	6.7	<3.5	<9.2	<2.9
1,2,3,7,8,9-Cl6-Dibenzofuran		"	<5.8	<3.7	<3.7	<3.1
1,2,3,4,7,8-Cl6-Dibenzo-p-dioxin		"	<6.3	<3.2	<3.0	<3.0
1,2,3,6,7,8-Cl6-Dibenzo-p-dioxin		"	<4.5	<2.9	4.8	<2.7
1,2,3,7,8,9-Cl6-Dibenzo-p-dioxin		"	<5.6	<2.6	5.3	<2.5
1,2,3,4,6,7,8-Cl7-Dibenzofuran		"	<24	<21	<39	<7.9
1,2,3,4,7,8,9-Cl7-Dibenzofuran		"	<32	<5.4	<13	<10
1,2,3,4,6,7,8-Cl7-Dibenzo-p-dioxin		"	42	32	61	<18
1,2,3,4,6,7,8,9-Cl8-Dibenzofuran		"	22	18	31	7.9
1,2,3,4,6,7,8,9-Cl8-Dibenzo-p-dioxin		"	240	200	440	100
2,3,7,8-TCDF (DB225)		pg	8.1	<4.6	10	<3.6
Internal Recoveries		%				
2,3,7,8-TCDF-13C12			94	94	97	87
TEQ based on Nato Factors		pg	10.9	8.2	18.2	4.6

Client:Philip Analytical Services Inc Project:Misc.

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

NYC-WTC_000233769

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PASC - Certificate of Analysis

			R02090951
	Client ID:		18A
	Lab No.:		060284 02
	Sampled:		12-Sep-2002
Component	**MDL**	**Units**	
Total Tetrachlorodibenzofurans		pg	130
Total Pentachlorodibenzofurans		"	62
Total Hexachlorodibenzofurans		"	21
Total Heptachlorodibenzofurans		"	14
Octachlorodibenzofuran		"	22
Total Tetrachlorodibenzo-p-dioxins		"	110
Total Pentachlorodibenzo-p-dioxins		"	35
Total Hexachlorodibenzo-p-dioxins		"	59
Total Heptachlorodibenzo-p-dioxins		"	74
Octachlorodibenzo-p-dioxin		"	300
Internal Recoveries		%	
2,3,7,8-T4CDF-13C12			90
2,3,7,8-T4CDD-13C12			102
1,2,3,7,8-P5CDF-13C12			94
1,2,3,7,8-P5CDD-13C12			98
1,2,3,4,7,8-H6CDF-13C12			94
1,2,3,6,7,8-H6CDD-13C12			98
1,2,3,4,6,7,8-H7CDF-13C12			80
1,2,3,4,6,7,8-H7CDD-13C12			88
OCDD-13C12			92
2,3,7,8-Cl4-Dibenzofuran (DB5)		pg	<20
2,3,7,8-Cl4-Dibenzo-p-dioxin		"	<2.4
1,2,3,7,8-Cl5-Dibenzofuran		"	<2.7
2,3,4,7,8-Cl5-Dibenzofuran		"	5.9
1,2,3,7,8-Cl5-Dibenzo-p-dioxin		"	<2.5
1,2,3,4,7,8-Cl6-Dibenzofuran		"	8.4
1,2,3,6,7,8-Cl6-Dibenzofuran		"	<3.2
2,3,4,6,7,8-Cl6-Dibenzofuran		"	<3.9
1,2,3,7,8,9-Cl6-Dibenzofuran		"	<4.1
1,2,3,4,7,8-Cl6-Dibenzo-p-dioxin		"	<2.9
1,2,3,6,7,8-Cl6-Dibenzo-p-dioxin		"	2.8
1,2,3,7,8,9-Cl6-Dibenzo-p-dioxin		"	3.4
1,2,3,4,6,7,8-Cl7-Dibenzofuran		"	<17
1,2,3,4,7,8,9-Cl7-Dibenzofuran		"	<13
1,2,3,4,6,7,8-Cl7-Dibenzo-p-dioxin		"	43
1,2,3,4,6,7,8,9-Cl8-Dibenzofuran		"	22
1,2,3,4,6,7,8,9-Cl8-Dibenzo-p-dioxin		"	300
2,3,7,8-TCDF (DB225)		pg	<5.1
Internal Recoveries		%	
2,3,7,8-TCDF-13C12			109
TEQ based on Nato Factors		pg	8.2

Client:Philip Analytical Services Inc Project:Misc.

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

NYC-WTC_000233770

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PASC - Summary of Analysis Pre. Dates

Batch Code:	**1004IIW01**	**1004IIW01**	**1008IIW01**	**1008IIW01**
PCDD/F (DB5)	060266 02	060272 02	060275 02	060281 02
	060267 02	060273 02	060276 02	060282 02
	060268 02	060274 02	060277 02	060283 02
	060269 02		060278 02	060284 02
	060270 02		060279 02	
	060271 02		060280 02	
Date Analysed:	02/10/09	02/10/10	02/10/19	02/10/21
Date Prepared:	02/10/04	02/10/04	02/10/08	02/10/08

Batch Code:	**1004HW01**	**1008HW01**
2,3,7,8-TCDF (DB225)	060268 02	060281 02
	060269 02	060282 02
	060272 02	060283 02
	060273 02	060284 02
	060274 02	
	060275 02	
	060276 02	
	060277 02	
	060278 02	
	060279 02	
	060280 02	
Date Analysed:	02/10/20	02/10/22
Date Prepared:	02/10/04	02/10/08

Client:Philip Analytical Services Inc Project:Misc.

NYC-WTC_000233771