NYC 9/11 Public Portal Document

CLIENT INFORMATION		LABORATORY INFORMATION	
Attention:	Vaughan O'Neill	**Contact:**	Julius Fulop, M.Sc., C.Chem.
Client Name:	Philip Analytical Services Inc	**Project:**	AN030286
Project:	JLC Environmental	**Date Received**	06-Mar-2003
Project Desc:		**Date Reported**	19-Mar-2003
Address:	4418 Pottsville Pike Reading, Pennsylvania 19605	**Submission N**	3C0148
		Sample No.:	009192-009222
Fax Number:	610 921-9667		
Phone Numbe	610 921-8833		

NOTES: ***"-" = not analysed "<" = less than Method Deteetion 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', Twentieth 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:

CITY_DEP_WORBY_CANNATA_SUBP_000051830

NYC-WTC_000231878

NYC 9/11 Public Portal Document

Component	MDL	Units	Method Blank	Blank Spike	% Recovery	3rd Floor-07 -01A	3rd Floor-08 -02A	3rd Floor-09 -03A
Client ID:			Method Blank	Blank Spike		3rd Floor-07	3rd Floor-08	3rd Floor-09
R03030259-						-01A	-02A	-03A
Lab No.:			009192 03	009192 03	%	009193 03	009194 03	009195 03
Date Sampled:			05-Mar-2003	05-Mar-2003	Recovery	05-Mar-2003	05-Mar-2003	05-Mar-2003
Total Tetrachlorodibenzofurai		pg	<1.2	1100	-	<2.4	<1.4	<2.2
Total Pentachlorodibenzofura		"	<1.5	5400	-	<1.3	<1.7	<1.9
Total Hexachlorodibenzofurai		"	<1.5	11000	-	<2.6	<1.5	<1.9
Total Heptachlorodibenzofura		"	<2.8	5200	-	<6.8	4.2	<3.1
Octachlorodibenzofuran		"	<5.3	5400	-	14	6.2	6.3
Total Tetrachlorodibenzo-p-di		"	<1.5	940	-	2.2	<1.6	<2.9
Total Pentachlorodibenzo-p-d		"	<1.4	2700	-	<6.0	<1.4	<1.9
Total Hexachlorodibenzo-p-di		"	<1.6	7700	-	4.6	<2.1	<6.8
Total Heptachlorodibenzo-p-d		"	12	2600	-	31	5.9	15
Octachlorodibenzo-p-dioxin		"	38	5300	-	130	41	43
Internal Recoveries		%						
2,3,7,8-T4CDF-13C12			80	77	-	80	81	83
2,3,7,8-T4CDD-13C12			88	82	-	86	93	94
1,2,3,7,8-P5CDF-13C12			86	92	-	76	81	88
1,2,3,7,8-P5CDD-13C12			85	83	-	72	75	85
1,2,3,4,7,8-H6CDF-13C12			100	91	-	91	97	102
1,2,3,6,7,8-H6CDD-13C12			97	88	-	84	91	97
1,2,3,4,6,7,8-H7CDF-13C12			114	101	-	89	100	109
1,2,3,4,6,7,8-H7CDD-13C12			111	97	-	82	96	105
OCDD-13C12			96	87	-	73	84	85
2,3,7,8-Cl4-Dibenzofuran (Dl		pg	<1.2	1100	107	<3.5	<1.4	<2.2
2,3,7,8-Cl4-Dibenzo-p-dioxin		"	<1.5	940	111	<2.4	<1.6	<2.5
1,2,3,7,8-Cl5-Dibenzofuran		"	<1.5	2800	107	<1.3	<1.7	<1.8
2,3,4,7,8-Cl5-Dibenzofuran		"	<1.5	2700	103	2.0	<1.7	<1.9
1,2,3,7,8-Cl5-Dibenzo-p-diox		"	<1.4	2700	102	<1.6	<1.4	<1.9
1,2,3,4,7,8-Cl6-Dibenzofuran		"	<1.4	2600	105	<2.4	<1.4	<1.7
1,2,3,6,7,8-Cl6-Dibenzofuran		"	<1.4	2500	111	<1.2	<1.3	<1.7
2,3,4,6,7,8-Cl6-Dibenzofuran		"	<1.6	2600	104	<1.4	<1.5	<1.9
1,2,3,7,8,9-Cl6-Dibenzofuran		"	<1.9	2800	104	<1.6	<1.8	<2.3
1,2,3,4,7,8-Cl6-Dibenzo-p-di		"	<1.5	2600	107	<1.3	<2.0	<1.8
1,2,3,6,7,8-Cl6-Dibenzo-p-di		"	<1.7	2500	94	<1.5	<2.2	<2.0
1,2,3,7,8,9-Cl6-Dibenzo-p-di		"	<1.6	2600	107	<1.4	<2.0	<1.8
1,2,3,4,6,7,8-Cl7-Dibenzofur		"	<2.5	2600	102	<6.0	4.5	<2.8
1,2,3,4,7,8,9-Cl7-Dibenzofur		"	<3.3	2600	101	<7.2	<2.8	<1.9
1,2,3,4,6,7,8-Cl7-Dibenzo-p-		"	6.0	2600	103	14	5.9	6.8
1,2,3,4,6,7,8,9-Cl8-Dibenzofi		"	<5.3	5400	102	14	6.2	6.3
1,2,3,4,6,7,8,9-Cl8-Dibenzo-p		"	38	5300	106	130	41	43
2,3,7,8-TCDF (DB225)		pg	<5.4	-	-	<6.9	<2.8	<2.9
Internal Recoveries		%						
2,3,7,8-TCDF-13C12			69	-	-	71	73	73

CITY_DEP_WORBY_CANNATA_SUBP_000051831

NYC-WTC_000231879

NYC 9/11 Public Portal Document

		4th	4th	4th	5th	5th	5th
Client ID:		Floor-07	Floor-08	Floor-09	Floor-07	Floor-08	Floor-09
R03030259-		-04A	-05A	-06A	-07A	-08A	-09A
Lab No.:		009196 03	009197 03	009198 03	009199 03	009200 03	009201 03
Date Sampled:		05-Mar-2003	05-Mar-2003	05-Mar-2003	05-Mar-2003	05-Mar-2003	05-Mar-2003
Component	**MDL**	**Units**					
Total Tetrachlorodibenzofurai		pg	85	<1.7	31	100	<1.6	13
Total Pentachlorodibenzofura		"	66	<1.6	28	36	<2.2	27
Total Hexachlorodibenzofurai		"	30	<1.8	14	17	<1.5	27
Total Heptachlorodibenzofura		"	2.9	2.3	4.2	<14	<3.8	5.6
Octachlorodibenzofuran		"	19	7.1	<11	19	8.2	20
Total Tetrachlorodibenzo-p-di		"	120	<2.1	35	91	<2.0	24
Total Pentachlorodibenzo-p-d		"	30	<1.8	4.5	24	<1.7	20
Total Hexachlorodibenzo-p-di		"	57	<7.0	36	37	<2.7	49
Total Heptachlorodibenzo-p-d		"	53	20	36	45	20	46
Octachlorodibenzo-p-dioxin		"	160	56	100	170	61	97
Internal Recoveries		%						
2,3,7,8-T4CDF-13C12			93	86	84	95	64	97
2,3,7,8-T4CDD-13C12			101	94	97	97	65	101
1,2,3,7,8-P5CDF-13C12			88	93	89	94	91	98
1,2,3,7,8-P5CDD-13C12			79	86	80	89	71	85
1,2,3,4,7,8-H6CDF-13C12			107	105	106	99	78	107
1,2,3,6,7,8-H6CDD-13C12			91	99	98	92	74	95
1,2,3,4,6,7,8-H7CDF-13C12			106	111	113	105	85	112
1,2,3,4,6,7,8-H7CDD-13C12			97	105	109	97	80	103
OCDD-13C12			90	97	104	90	66	99
2,3,7,8-Cl4-Dibenzofuran (Dl		pg	<21	<2.3	<8.1	<17	<1.6	<6.6
2,3,7,8-Cl4-Dibenzo-p-dioxin		"	<2.1	<2.1	<2.1	<3.2	<2.0	<2.3
1,2,3,7,8-Cl5-Dibenzofuran		"	4.6	<1.6	<2.1	<2.9	<2.2	<3.3
2,3,4,7,8-Cl5-Dibenzofuran		"	6.0	<1.7	4.2	5.4	<2.3	<3.8
1,2,3,7,8-Cl5-Dibenzo-p-diox		"	<2.1	<1.8	<2.0	<2.2	<1.7	<4.1
1,2,3,4,7,8-Cl6-Dibenzofuran		"	8.9	<1.6	<2.8	<4.0	<1.4	7.0
1,2,3,6,7,8-Cl6-Dibenzofuran		"	<4.8	<1.6	3.4	<3.2	<1.3	4.0
2,3,4,6,7,8-Cl6-Dibenzofuran		"	3.8	<1.9	2.5	<2.2	<1.5	3.0
1,2,3,7,8,9-Cl6-Dibenzofuran		"	<2.7	<2.2	<2.5	<1.8	<1.8	<3.0
1,2,3,4,7,8-Cl6-Dibenzo-p-di		"	<2.1	<1.9	<2.2	<1.6	<1.4	<2.3
1,2,3,6,7,8-Cl6-Dibenzo-p-di		"	<2.3	<2.1	<2.5	2.4	<1.6	<2.6
1,2,3,7,8,9-Cl6-Dibenzo-p-di		"	<2.1	<2.0	<2.2	2.8	<1.4	<2.3
1,2,3,4,6,7,8-Cl7-Dibenzofur		"	<15	<3.5	<8.7	<13	<3.3	<15
1,2,3,4,7,8,9-Cl7-Dibenzofur		"	<2.9	<2.4	<2.5	<2.9	<2.3	<3.3
1,2,3,4,6,7,8-Cl7-Dibenzo-p-		"	23	8.0	16	22	8.8	20
1,2,3,4,6,7,8,9-Cl8-Dibenzofi		"	19	7.1	<11	19	8.2	20
1,2,3,4,6,7,8,9-Cl8-Dibenzo-p		"	160	56	100	170	61	97
2,3,7,8-TCDF (DB225)		pg	14	<4.9	<5.7	11	<4.4	<2.9
Internal Recoveries		%						
2,3,7,8-TCDF-13C12			82	75	78	85	53	80

CITY_DEP_WORBY_CANNATA_SUBP_000051832

NYC-WTC_000231880

NYC 9/11 Public Portal Document

		6th	6th	6th	7th	7th	7th
Client ID:		Floor-07	Floor-08	Floor-09	Floor-07	Floor-08	Floor-09
R03030259-		-10A	-11A	-12A	-13A	-14A	-15A
Lab No.:		009202 03	009203 03	009204 03	009205 03	009206 03	009207 03
Date Sampled:		05-Mar-2003	05-Mar-2003	05-Mar-2003	05-Mar-2003	05-Mar-2003	05-Mar-2003
Component	**MDL**	**Units**					
Total Tetrachlorodibenzofurai		pg	76	7.4	7.5	24	<2.1	<3.1
Total Pentachlorodibenzofura		"	25	<3.1	10	11	<3.2	<3.6
Total Hexachlorodibenzofurai		"	18	2.9	8.3	7.8	<1.7	<2.3
Total Heptachlorodibenzofura		"	<13	<7.0	<7.4	3.7	2.2	<3.0
Octachlorodibenzofuran		"	29	10.0	11	12	7.3	<4.7
Total Tetrachlorodibenzo-p-di		"	62	14	27	36	3.3	<4.6
Total Pentachlorodibenzo-p-d		"	17	3.5	<14	26	<2.7	<4.8
Total Hexachlorodibenzo-p-di		"	33	3.2	14	14	2.8	<5.3
Total Heptachlorodibenzo-p-d		"	41	32	24	27	17	<5.6
Octachlorodibenzo-p-dioxin		"	120	84	73	86	55	13
Internal Recoveries		%						
2,3,7,8-T4CDF-13C12			96	94	83	102	84	69
2,3,7,8-T4CDD-13C12			103	107	99	112	105	92
1,2,3,7,8-P5CDF-13C12			94	101	84	100	86	74
1,2,3,7,8-P5CDD-13C12			80	88	70	85	79	78
1,2,3,4,7,8-H6CDF-13C12			109	118	107	111	112	105
1,2,3,6,7,8-H6CDD-13C12			99	106	95	100	102	99
1,2,3,4,6,7,8-H7CDF-13C12			110	123	108	108	112	99
1,2,3,4,6,7,8-H7CDD-13C12			100	112	99	96	105	101
OCDD-13C12			87	100	88	75	95	102
2,3,7,8-Cl4-Dibenzofuran (Dl		pg	<14	<4.5	<7.5	<8.2	<2.1	<3.1
2,3,7,8-Cl4-Dibenzo-p-dioxin		"	<2.9	<2.5	<2.7	<2.5	<2.4	<4.6
1,2,3,7,8-Cl5-Dibenzofuran		"	<3.8	<3.0	<3.2	<2.6	<3.2	<3.5
2,3,4,7,8-Cl5-Dibenzofuran		"	<4.0	<3.1	<3.3	2.9	<3.3	<3.6
1,2,3,7,8-Cl5-Dibenzo-p-diox		"	<4.8	<2.9	<5.1	<3.1	<2.7	<4.8
1,2,3,4,7,8-Cl6-Dibenzofuran		"	6.1	<1.7	3.2	3.7	<1.5	<2.0
1,2,3,6,7,8-Cl6-Dibenzofuran		"	3.9	<1.7	<2.3	<1.7	<1.5	<2.0
2,3,4,6,7,8-Cl6-Dibenzofuran		"	<2.8	<2.0	1.9	<1.8	<1.7	<2.4
1,2,3,7,8,9-Cl6-Dibenzofuran		"	<3.3	<2.3	<2.0	<2.1	<2.1	<2.8
1,2,3,4,7,8-Cl6-Dibenzo-p-di		"	<2.5	<2.0	<2.4	<2.1	<1.9	<5.3
1,2,3,6,7,8-Cl6-Dibenzo-p-di		"	<2.8	<2.3	<2.7	<2.3	<2.1	<5.6
1,2,3,7,8,9-Cl6-Dibenzo-p-di		"	<2.6	<2.1	<2.5	<2.1	<1.9	<5.2
1,2,3,4,6,7,8-Cl7-Dibenzofur		"	<11	<6.2	<6.5	<6.5	<2.4	<2.6
1,2,3,4,7,8,9-Cl7-Dibenzofur		"	<3.6	<2.6	<3.1	<2.9	<2.2	<3.5
1,2,3,4,6,7,8-Cl7-Dibenzo-p-		"	17	16	10	11	7.5	<5.6
1,2,3,4,6,7,8,9-Cl8-Dibenzofi		"	29	10.0	11	12	7.3	<4.7
1,2,3,4,6,7,8,9-Cl8-Dibenzo-p		"	120	84	73	86	55	13
2,3,7,8-TCDF (DB225)		pg	<7.2	<6.1	<3.9	<5.3	<2.5	<4.0
Internal Recoveries		%						
2,3,7,8-TCDF-13C12			79	83	78	86	85	73

CITY_DEP_WORBY_CANNATA_SUBP_000051833

NYC-WTC_000231881

NYC 9/11 Public Portal Document

		8th	8th	8th	9th	9th	9th
Client ID:		Floor-07	Floor-08	Floor-09	Floor-07	Floor-08	Floor-09
R03030259-		-16A	-17A	-18A	-19A	-20A	-21A
Lab No.:		009208 03	009209 03	009210 03	009211 03	009212 03	009213 03
Date Sampled:		05-Mar-2003	05-Mar-2003	05-Mar-2003	05-Mar-2003	05-Mar-2003	05-Mar-2003
Component	**MDL**	**Units**					
Total Tetrachlorodibenzofurai		pg	30	<3.6	5.4	140	<2.7	100
Total Pentachlorodibenzofura		"	12	<3.3	<5.1	64	<2.7	54
Total Hexachlorodibenzofurai		"	6.9	<3.5	<4.0	36	<2.6	25
Total Heptachlorodibenzofura		"	<9.1	<4.3	<8.6	<24	<2.4	<17
Octachlorodibenzofuran		"	<4.3	<4.9	<7.1	5.9	<3.5	8.5
Total Tetrachlorodibenzo-p-di		"	50	<5.6	7.6	110	<4.0	130
Total Pentachlorodibenzo-p-d		"	28	<7.3	<6.6	16	<7.0	28
Total Hexachlorodibenzo-p-di		"	6.2	<31	<58	14	<35	10
Total Heptachlorodibenzo-p-d		"	12	<4.7	9.1	22	<4.9	33
Octachlorodibenzo-p-dioxin		"	44	9.9	33	120	9.8	52
Internal Recoveries		%						
2,3,7,8-T4CDF-13C12			77	69	74	73	65	78
2,3,7,8-T4CDD-13C12			102	91	95	90	86	102
1,2,3,7,8-P5CDF-13C12			86	77	81	79	72	83
1,2,3,7,8-P5CDD-13C12			92	81	87	83	82	94
1,2,3,4,7,8-H6CDF-13C12			101	91	98	78	92	91
1,2,3,6,7,8-H6CDD-13C12			100	93	99	77	94	90
1,2,3,4,6,7,8-H7CDF-13C12			93	93	96	76	89	87
1,2,3,4,6,7,8-H7CDD-13C12			98	96	96	76	94	92
OCDD-13C12			91	84	81	63	87	80
2,3,7,8-Cl4-Dibenzofuran (Dl		pg	12	<3.6	5.4	32	<2.7	31
2,3,7,8-Cl4-Dibenzo-p-dioxin		"	<4.8	<3.6	<5.0	<4.9	<3.3	<4.3
1,2,3,7,8-Cl5-Dibenzofuran		"	<6.4	<3.3	<5.1	6.6	<2.7	<5.8
2,3,4,7,8-Cl5-Dibenzofuran		"	<6.6	<3.3	<5.2	6.8	<2.7	9.3
1,2,3,7,8-Cl5-Dibenzo-p-diox		"	<7.5	<7.3	<6.6	<7.6	<7.0	<7.3
1,2,3,4,7,8-Cl6-Dibenzofuran		"	6.0	<3.0	<3.4	13	<2.3	10
1,2,3,6,7,8-Cl6-Dibenzofuran		"	<3.1	<3.1	<3.6	6.7	<2.4	<3.1
2,3,4,6,7,8-Cl6-Dibenzofuran		"	<3.6	<3.6	<4.1	<6.9	<2.7	<3.5
1,2,3,7,8,9-Cl6-Dibenzofuran		"	<4.3	<4.4	<5.0	<8.4	<3.3	<4.3
1,2,3,4,7,8-Cl6-Dibenzo-p-di		"	<5.3	<6.6	<5.3	<4.2	<3.4	<5.1
1,2,3,6,7,8-Cl6-Dibenzo-p-di		"	<5.6	<7.0	<5.6	<4.5	<3.6	<5.4
1,2,3,7,8,9-Cl6-Dibenzo-p-di		"	<5.2	<6.5	<5.2	<4.2	<3.3	<5.0
1,2,3,4,6,7,8-Cl7-Dibenzofur		"	<7.9	<3.7	<7.4	<20	<2.1	<15
1,2,3,4,7,8,9-Cl7-Dibenzofur		"	<4.8	<5.1	<5.3	<7.1	<2.9	<4.0
1,2,3,4,6,7,8-Cl7-Dibenzo-p-		"	12	<4.7	9.1	<18	<4.9	16
1,2,3,4,6,7,8,9-Cl8-Dibenzofi		"	<4.3	<4.9	<7.1	20	<3.5	8.5
1,2,3,4,6,7,8,9-Cl8-Dibenzo-p		"	44	9.9	33	120	9.8	52
2,3,7,8-TCDF (DB225)		pg	7.1	<2.8	4.6	15	<2.4	16
Internal Recoveries		%						
2,3,7,8-TCDF-13C12			77	75	80	78	70	76

CITY_DEP_WORBY_CANNATA_SUBP_000051834

NYC-WTC_000231882

NYC 9/11 Public Portal Document

		10th	10th	10th	11th Floor	11th Floor	11th Floor
Client ID:		Floor-07	Floor-08	Floor-09	Down-07	Down-08	Down-09
R03030259-		-22A	-23A	-24A	-25A	-26A	-27A
Lab No.:		009214 03	009215 03	009216 03	009217 03	009218 03	009219 03
Date Sampled:		04-Mar-2003	04-Mar-2003	04-Mar-2003	04-Mar-2003	04-Mar-2003	04-Mar-2003
Component	**MDL**	**Units**					
Total Tetrachlorodibenzofurai		pg	160	<3.8	36	<2.9	90	43
Total Pentachlorodibenzofura		"	15	<5.2	<14	<4.2	21	68
Total Hexachlorodibenzofurai		"	12	<3.3	25	<2.2	22	31
Total Heptachlorodibenzofura		"	<14	<2.6	<15	<3.6	<14	<35
Octachlorodibenzofuran		"	16	<3.4	11	<4.5	12	19
Total Tetrachlorodibenzo-p-di		"	180	<7.9	62	<8.5	110	99
Total Pentachlorodibenzo-p-d		"	30	<6.2	30	<8.9	19	21
Total Hexachlorodibenzo-p-di		"	<84	<29	8.4	<34	<59	22
Total Heptachlorodibenzo-p-d		"	17	5.1	27	3.7	14	61
Octachlorodibenzo-p-dioxin		"	85	15	49	15	68	97
Internal Recoveries		%						
2,3,7,8-T4CDF-13C12			59	74	73	64	77	56
2,3,7,8-T4CDD-13C12			71	104	96	88	105	72
1,2,3,7,8-P5CDF-13C12			65	84	82	67	87	66
1,2,3,7,8-P5CDD-13C12			71	88	86	72	92	74
1,2,3,4,7,8-H6CDF-13C12			73	107	91	86	99	74
1,2,3,6,7,8-H6CDD-13C12			72	108	94	85	97	75
1,2,3,4,6,7,8-H7CDF-13C12			68	115	98	88	101	73
1,2,3,4,6,7,8-H7CDD-13C12			70	117	104	93	109	76
OCDD-13C12			53	116	94	84	105	60
2,3,7,8-Cl4-Dibenzofuran (Dl		pg	<37	<3.8	<23	<2.9	<22	<30
2,3,7,8-Cl4-Dibenzo-p-dioxin		"	<5.8	<4.7	<4.6	<4.0	<4.0	<6.0
1,2,3,7,8-Cl5-Dibenzofuran		"	<10.0	<5.2	<10	<4.1	<8.2	<9.4
2,3,4,7,8-Cl5-Dibenzofuran		"	<10	<5.3	<10	<4.2	<8.3	15
1,2,3,7,8-Cl5-Dibenzo-p-diox		"	<7.6	<6.2	<6.8	<8.9	<6.9	<8.8
1,2,3,4,7,8-Cl6-Dibenzofuran		"	11	<2.9	12	<1.9	7.8	19
1,2,3,6,7,8-Cl6-Dibenzofuran		"	<5.2	<3.0	<4.9	<2.0	<3.4	<12
2,3,4,6,7,8-Cl6-Dibenzofuran		"	<5.9	<3.5	<5.6	<2.3	<3.7	10
1,2,3,7,8,9-Cl6-Dibenzofuran		"	<7.2	<4.2	<6.8	<2.8	<4.5	<6.7
1,2,3,4,7,8-Cl6-Dibenzo-p-di		"	<8.2	<5.0	<4.7	<4.6	<5.1	<5.4
1,2,3,6,7,8-Cl6-Dibenzo-p-di		"	<8.7	<5.3	<5.1	<4.9	<5.4	<5.7
1,2,3,7,8,9-Cl6-Dibenzo-p-di		"	<8.1	<4.9	<4.7	<4.5	<5.0	<5.3
1,2,3,4,6,7,8-Cl7-Dibenzofur		"	<12	<2.3	<13	<3.1	<12	<30
1,2,3,4,7,8,9-Cl7-Dibenzofur		"	<7.0	<3.1	<5.3	<4.2	<2.9	<6.7
1,2,3,4,6,7,8-Cl7-Dibenzo-p-		"	<14	5.1	13	3.7	14	31
1,2,3,4,6,7,8,9-Cl8-Dibenzofi		"	16	<3.4	11	<4.5	12	19
1,2,3,4,6,7,8,9-Cl8-Dibenzo-p		"	85	15	49	15	68	97
2,3,7,8-TCDF (DB225)		pg	17	<3.5	13	<4.2	<11	19
Internal Recoveries		%						
2,3,7,8-TCDF-13C12			64	83	77	68	88	65

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NYC-WTC_000231883

NYC 9/11 Public Portal Document

		11th Floor	11th Floor	11th Floor
Client ID:		Up-07	Up-08	Up-09
R03030259-		-28A	-29A	-30A
Lab No.:		009220 03	009221 03	009222 03
Date Sampled:		04-Mar-2003	04-Mar-2003	04-Mar-2003
Component	**MDL** **Units**			
Total Tetrachlorodibenzofurai	pg	29	<2.3	6.5
Total Pentachlorodibenzofura	"	6.9	<3.5	<5.2
Total Hexachlorodibenzofurai	"	<3.4	<1.5	<3.3
Total Heptachlorodibenzofura	"	<8.6	<3.1	<6.7
Octachlorodibenzofuran	"	7.6	<2.4	<5.3
Total Tetrachlorodibenzo-p-di	"	51	<4.3	9.1
Total Pentachlorodibenzo-p-d	"	<9.0	<7.6	<12
Total Hexachlorodibenzo-p-di	"	<50	<36	<53
Total Heptachlorodibenzo-p-d	"	16	<3.0	9.7
Octachlorodibenzo-p-dioxin	"	39	<11	34
Internal Recoveries	%			
2,3,7,8-T4CDF-13C12		75	71	71
2,3,7,8-T4CDD-13C12		99	98	95
1,2,3,7,8-P5CDF-13C12		82	80	79
1,2,3,7,8-P5CDD-13C12		88	86	87
1,2,3,4,7,8-H6CDF-13C12		88	94	93
1,2,3,6,7,8-H6CDD-13C12		92	96	93
1,2,3,4,6,7,8-H7CDF-13C12		91	97	95
1,2,3,4,6,7,8-H7CDD-13C12		101	109	103
OCDD-13C12		95	109	93
2,3,7,8-Cl4-Dibenzofuran (Dl	pg	13	<2.3	<6.5
2,3,7,8-Cl4-Dibenzo-p-dioxin	"	<5.2	<2.4	<4.7
1,2,3,7,8-Cl5-Dibenzofuran	"	<5.2	<3.4	<5.2
2,3,4,7,8-Cl5-Dibenzofuran	"	<5.3	<3.5	<5.3
1,2,3,7,8-Cl5-Dibenzo-p-diox	"	<9.0	<7.6	<6.6
1,2,3,4,7,8-Cl6-Dibenzofuran	"	<2.9	<1.3	<2.9
1,2,3,6,7,8-Cl6-Dibenzofuran	"	<3.0	<1.4	<3.0
2,3,4,6,7,8-Cl6-Dibenzofuran	"	<3.5	<1.6	<3.5
1,2,3,7,8,9-Cl6-Dibenzofuran	"	<4.2	<1.9	<4.2
1,2,3,4,7,8-Cl6-Dibenzo-p-di	"	<3.4	<4.5	<4.0
1,2,3,6,7,8-Cl6-Dibenzo-p-di	"	<3.7	<4.8	<4.3
1,2,3,7,8,9-Cl6-Dibenzo-p-di	"	<3.4	<4.4	<4.0
1,2,3,4,6,7,8-Cl7-Dibenzofur	"	<7.5	<2.7	<5.8
1,2,3,4,7,8,9-Cl7-Dibenzofur	"	<4.6	<3.7	<4.6
1,2,3,4,6,7,8-Cl7-Dibenzo-p-	"	9.6	<3.0	<9.5
1,2,3,4,6,7,8,9-Cl8-Dibenzofi	"	7.6	<2.4	<5.3
1,2,3,4,6,7,8,9-Cl8-Dibenzo-p	"	39	<11	34
2,3,7,8-TCDF (DB225)	pg	6.6	<4.1	<4.5
Internal Recoveries	%			
2,3,7,8-TCDF-13C12		81	79	78

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NYC-WTC_000231884

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Batch Code:	**0307FB01**	**0309FB01**	**0307FB01**	**0307FB01**
Total Tetrachlc	009192 03	009199 03	009207 03	009215 03
	009193 03	009200 03	009208 03	009216 03
	009194 03	009201 03	009209 03	009217 03
	009195 03	009202 03	009210 03	009218 03
	009196 03	009203 03	009211 03	009219 03
	009197 03	009204 03	009212 03	009220 03
	009198 03	009205 03	009213 03	009221 03
		009206 03	009214 03	009222 03
Date Analysed	03/03/14	03/03/14	03/03/14	03/03/15
Date Prepared:	03/03/07	03/03/09	03/03/07	03/03/07

Batch Code:	**0307FB01**	**0309FB01**	**0307FB01**	**0307FB01**
2,3,7,8-Cl4-Di	009192 03	009199 03	009207 03	009215 03
	009193 03	009200 03	009208 03	009216 03
	009194 03	009201 03	009209 03	009217 03
	009195 03	009202 03	009210 03	009218 03
	009196 03	009203 03	009211 03	009219 03
	009197 03	009204 03	009212 03	009220 03
	009198 03	009205 03	009213 03	009221 03
		009206 03	009214 03	009222 03
Date Analysed	03/03/14	03/03/14	03/03/14	03/03/15
Date Prepared:	03/03/07	03/03/09	03/03/07	03/03/07

Batch Code:	**0307FB01**	**0307FB01**
2,3,7,8-TCDF	009192 03	009206 03
	009193 03	009207 03
	009194 03	009208 03
	009195 03	009209 03
	009196 03	009210 03
	009197 03	009211 03
	009198 03	009212 03
	009199 03	009213 03
	009200 03	009214 03
	009201 03	009215 03
	009202 03	009216 03
	009203 03	009217 03
	009204 03	009218 03
	009205 03	009219 03
		009220 03
		009221 03
		009222 03
Date Analysed	03/03/12	03/03/13
Date Prepared:	03/03/07	03/03/07

R□C□l□i□e□n□t□:□P□h□i□l□i□p□ □A□n□a□l□y□t□i□c□a□l□ □S□e□r□v□i□c