NYC 9/11 Public Portal Document

CLIENT INFORMATION		LABORATORY INFORMATION	
Attention:	Michael Salum	**Contact:**	Ada Blythe, B.Sc., C.Chem.
Client Name:	Philip Analytical Services Inc	**Project:**	AN023026
Project:	Misc.	**Date Received**	17-Sep-2002
Project Desc:		**Date Reported**	15-Oct-2002
Address:	4418 Pottsville Pike Reading, Pennsylvania 19605	**Submission N**	2I0647
		Sample No.:	060266-060284
Fax Number:	610 921-9667		
Phone Numbe	610 921-8833		

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:

L□"□T□i□m□e□s□ □N□e□w□ □R□o□m□a□n□,□B□o□l□d□ □I□t□a□l□i□c□"□1□2□ □ □ □

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		Method	Blank	Blank	R02090951	R02090951	R02090951
Client ID:		Blank	Spike#1	Spike#1	01A	02A	03A
Lab No.:		060266 02	060266 02	%Recoveries	060267 02	060268 02	060269 02
Date Sampled:		12-Sep-2002	12-Sep-2002		12-Sep-2002	12-Sep-2002	12-Sep-2002
Apartment No. & Location					3S-W	3S-H	3S-F
Component	**Units**						
Total Tetrachlorodibenzofurai	pg	<3.9	1100	-	<2.0	130	27
Total Pentachlorodibenzofura	"	17	6400	-	<2.2	55	<8.8
Total Hexachlorodibenzofurai	"	52	10000	-	<1.6	45	21
Total Heptachlorodibenzofura	"	42	5100	-	<2.1	46	57
Octachlorodibenzofuran	"	67	4400	-	3.5	33	53
Total Tetrachlorodibenzo-p-di	"	4.3	1100	-	4.3	110	56
Total Pentachlorodibenzo-p-d	"	12	2700	-	<2.9	16	5.1
Total Hexachlorodibenzo-p-di	"	35	7900	-	<8.9	<35	2.9
Total Heptachlorodibenzo-p-d	"	26	2600	-	3.9	88	62
Octachlorodibenzo-p-dioxin	"	65	4900	-	16	390	320
Internal Recoveries	%						
2,3,7,8-T4CDF-13C12		65	70	70	82	72	68
2,3,7,8-T4CDD-13C12		74	84	84	79	75	76
1,2,3,7,8-P5CDF-13C12		43	70	70	88	61	76
1,2,3,7,8-P5CDD-13C12		48	76	76	105	67	93
1,2,3,4,7,8-H6CDF-13C12		72	85	85	86	73	79
1,2,3,6,7,8-H6CDD-13C12		74	88	88	91	76	80
1,2,3,4,6,7,8-H7CDF-13C12		82	86	86	83	71	78
1,2,3,4,6,7,8-H7CDD-13C12		75	89	89	81	68	79
OCDD-13C12		84	108	108	94	75	91
2,3,7,8-Cl4-Dibenzofuran (DI	pg	<3.9	1100	105	<2.0	20	11
2,3,7,8-Cl4-Dibenzo-p-dioxin	"	4.3	1100	109	<2.6	<2.5	<3.7
1,2,3,7,8-Cl5-Dibenzofuran	"	<9.6	2900	114	<2.1	4.0	<6.5
2,3,4,7,8-Cl5-Dibenzofuran	"	17	3500	139	<2.3	<5.0	<7.1
1,2,3,7,8-Cl5-Dibenzo-p-diox	"	12	2700	110	<2.9	<3.6	<4.2
1,2,3,4,7,8-Cl6-Dibenzofuran	"	11	2400	97	<1.4	8.2	5.2
1,2,3,6,7,8-Cl6-Dibenzofuran	"	14	2600	102	<1.4	4.5	3.0
2,3,4,6,7,8-Cl6-Dibenzofuran	"	<14	2500	100	<1.7	10	<2.7
1,2,3,7,8,9-Cl6-Dibenzofuran	"	29	2500	98	<2.0	<2.5	<3.3
1,2,3,4,7,8-Cl6-Dibenzo-p-di	"	<9.1	2700	108	<4.6	<2.4	<2.6
1,2,3,6,7,8-Cl6-Dibenzo-p-di	"	14	2600	105	<4.5	<3.4	<2.6
1,2,3,7,8,9-Cl6-Dibenzo-p-di	"	22	2600	102	<4.4	<2.3	<2.5
1,2,3,4,6,7,8-Cl7-Dibenzofur	"	18	2600	104	<1.8	21	33
1,2,3,4,7,8,9-Cl7-Dibenzofur	"	25	2400	97	<2.5	<3.1	<2.8
1,2,3,4,6,7,8-Cl7-Dibenzo-p-	"	26	2600	103	3.9	48	35
1,2,3,4,6,7,8,9-Cl8-Dibenzofi	"	67	4400	87	3.5	33	53
1,2,3,4,6,7,8,9-Cl8-Dibenzo-p	"	65	4900	99	16	390	320
2,3,7,8-TCDF (DB225)	pg	-	-		-	Pending	Pending
Internal Recoveries	%						
2,3,7,8-TCDF-13C12		-	-		-	Pending	Pending

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		R02090951	R02090951	R02090951	R02090951	R02090951	R02090951
Client ID:		04A	05A	06A	07A	08A	09A
Lab No.:		060270 02	060271 02	060272 02	060273 02	060274 02	060275 02
Date Sampled:		12-Sep-2002	12-Sep-2002	12-Sep-2002	12-Sep-2002	12-Sep-2002	12-Sep-2002
Apartment No. & Location		2N-W	2N-H	2N-F	2S-W	2S-H	2S-F
Component	**Units**						
							Unvalidated
Total Tetrachlorodibenzofurai	pg	<1.9	<2.0	5.8	<1.7	<1.7	Pending
Total Pentachlorodibenzofura	"	<1.9	<3.4	<1.5	<1.6	<1.7	Pending
Total Hexachlorodibenzofurai	"	<1.5	<1.2	2.5	<1.1	1.8	Pending
Total Heptachlorodibenzofura	"	<1.9	<1.8	11	<2.1	<3.8	Pending
Octachlorodibenzofuran	"	<2.7	<2.2	9.6	4.2	<2.5	Pending
Total Tetrachlorodibenzo-p-di	"	<3.7	<3.4	20	<1.3	<2.0	Pending
Total Pentachlorodibenzo-p-d	"	<3.4	<5.8	<3.4	<2.9	<2.6	Pending
Total Hexachlorodibenzo-p-di	"	<8.0	<11	1.7	<3.7	1.9	Pending
Total Heptachlorodibenzo-p-d	"	<3.3	7.0	9.8	<2.0	4.2	Pending
Octachlorodibenzo-p-dioxin	"	16	13	68	8.6	12	Pending
Internal Recoveries	%						
2,3,7,8-T4CDF-13C12		65	81	72	75	71	Pending
2,3,7,8-T4CDD-13C12		73	85	85	92	83	Pending
1,2,3,7,8-P5CDF-13C12		60	86	67	83	70	Pending
1,2,3,7,8-P5CDD-13C12		67	96	76	91	79	Pending
1,2,3,4,7,8-H6CDF-13C12		79	96	86	96	90	Pending
1,2,3,6,7,8-H6CDD-13C12		77	94	90	95	94	Pending
1,2,3,4,6,7,8-H7CDF-13C12		85	97	92	97	92	Pending
1,2,3,4,6,7,8-H7CDD-13C12		82	91	93	97	97	Pending
OCDD-13C12		100	115	104	112	114	Pending
2,3,7,8-Cl4-Dibenzofuran (DI	pg	<1.9	<2.0	4.0	<1.7	<1.7	Pending
2,3,7,8-Cl4-Dibenzo-p-dioxin	"	<2.7	<2.5	<1.3	<1.3	<2.0	Pending
1,2,3,7,8-Cl5-Dibenzofuran	"	<1.8	<3.2	<1.5	<1.5	<1.6	Pending
2,3,4,7,8-Cl5-Dibenzofuran	"	<1.9	<3.5	<1.6	<1.6	<1.8	Pending
1,2,3,7,8-Cl5-Dibenzo-p-diox	"	<3.4	<3.0	<2.8	<2.9	<2.6	Pending
1,2,3,4,7,8-Cl6-Dibenzofuran	"	<1.3	<1.1	<0.92	<0.97	1.6	Pending
1,2,3,6,7,8-Cl6-Dibenzofuran	"	<1.4	<1.1	<0.94	<0.99	<0.86	Pending
2,3,4,6,7,8-Cl6-Dibenzofuran	"	<1.6	<1.3	<1.1	<1.2	<1.0	Pending
1,2,3,7,8,9-Cl6-Dibenzofuran	"	<2.0	<1.6	<1.4	<1.4	<1.2	Pending
1,2,3,4,7,8-Cl6-Dibenzo-p-di	"	<3.2	<3.3	<1.2	<1.6	<1.4	Pending
1,2,3,6,7,8-Cl6-Dibenzo-p-di	"	<3.1	<3.3	<1.2	<1.6	<1.4	Pending
1,2,3,7,8,9-Cl6-Dibenzo-p-di	"	<3.1	<3.2	<1.2	<1.6	<1.3	Pending
1,2,3,4,6,7,8-Cl7-Dibenzofur	"	<1.6	<1.5	5.0	<3.2	<3.3	Pending
1,2,3,4,7,8,9-Cl7-Dibenzofur	"	<2.3	<2.2	<2.2	<4.5	<4.6	Pending
1,2,3,4,6,7,8-Cl7-Dibenzo-p-	"	<3.3	4.7	9.8	<2.7	4.2	Pending
1,2,3,4,6,7,8,9-Cl8-Dibenzofi	"	<2.7	<2.2	9.6	4.2	<2.5	Pending
1,2,3,4,6,7,8,9-Cl8-Dibenzo-p	"	16	13	68	8.6	12	Pending
2,3,7,8-TCDF (DB225)	pg	-	-	Pending	Pending	Pending	Pending
Internal Recoveries	%						
2,3,7,8-TCDF-13C12		-	-	Pending	Pending	Pending	Pending

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		R02090951	R02090951	R02090951	R02090951	R02090951	R02090951
Client ID:		10A	11A	12A	13A	14A	15A
Lab No.:		060276 02	060277 02	060278 02	060279 02	060280 02	060281 02
Date Sampled:		12-Sep-2002	12-Sep-2002	12-Sep-2002	12-Sep-2002	12-Sep-2002	12-Sep-2002
Apartment No. & Location		4N-W	4N-H	4N-F	4S-W	4S-H	4S-F
Component	**Units**						
		Unvalidated	Unvalidated	Unvalidated	Unvalidated	Unvalidated	Unvalidated
Total Tetrachlorodibenzofurai	pg	Pending	Pending	Pending	Pending	Pending	Pending
Total Pentachlorodibenzofura	"	Pending	Pending	Pending	Pending	Pending	Pending
Total Hexachlorodibenzofurai	"	Pending	Pending	Pending	Pending	Pending	Pending
Total Heptachlorodibenzofura	"	Pending	Pending	Pending	Pending	Pending	Pending
Octachlorodibenzofuran	"	Pending	Pending	Pending	Pending	Pending	Pending
Total Tetrachlorodibenzo-p-di	"	Pending	Pending	Pending	Pending	Pending	Pending
Total Pentachlorodibenzo-p-d	"	Pending	Pending	Pending	Pending	Pending	Pending
Total Hexachlorodibenzo-p-di	"	Pending	Pending	Pending	Pending	Pending	Pending
Total Heptachlorodibenzo-p-d	"	Pending	Pending	Pending	Pending	Pending	Pending
Octachlorodibenzo-p-dioxin	"	Pending	Pending	Pending	Pending	Pending	Pending
Internal Recoveries	%						
2,3,7,8-T4CDF-13C12		Pending	Pending	Pending	Pending	Pending	Pending
2,3,7,8-T4CDD-13C12		Pending	Pending	Pending	Pending	Pending	Pending
1,2,3,7,8-P5CDF-13C12		Pending	Pending	Pending	Pending	Pending	Pending
1,2,3,7,8-P5CDD-13C12		Pending	Pending	Pending	Pending	Pending	Pending
1,2,3,4,7,8-H6CDF-13C12		Pending	Pending	Pending	Pending	Pending	Pending
1,2,3,6,7,8-H6CDD-13C12		Pending	Pending	Pending	Pending	Pending	Pending
1,2,3,4,6,7,8-H7CDF-13C12		Pending	Pending	Pending	Pending	Pending	Pending
1,2,3,4,6,7,8-H7CDD-13C12		Pending	Pending	Pending	Pending	Pending	Pending
OCDD-13C12		Pending	Pending	Pending	Pending	Pending	Pending
2,3,7,8-Cl4-Dibenzofuran (DI	pg	Pending	Pending	Pending	Pending	Pending	Pending
2,3,7,8-Cl4-Dibenzo-p-dioxin	"	Pending	Pending	Pending	Pending	Pending	Pending
1,2,3,7,8-Cl5-Dibenzofuran	"	Pending	Pending	Pending	Pending	Pending	Pending
2,3,4,7,8-Cl5-Dibenzofuran	"	Pending	Pending	Pending	Pending	Pending	Pending
1,2,3,7,8-Cl5-Dibenzo-p-diox	"	Pending	Pending	Pending	Pending	Pending	Pending
1,2,3,4,7,8-Cl6-Dibenzofuran	"	Pending	Pending	Pending	Pending	Pending	Pending
1,2,3,6,7,8-Cl6-Dibenzofuran	"	Pending	Pending	Pending	Pending	Pending	Pending
2,3,4,6,7,8-Cl6-Dibenzofuran	"	Pending	Pending	Pending	Pending	Pending	Pending
1,2,3,7,8,9-Cl6-Dibenzofuran	"	Pending	Pending	Pending	Pending	Pending	Pending
1,2,3,4,7,8-Cl6-Dibenzo-p-di	"	Pending	Pending	Pending	Pending	Pending	Pending
1,2,3,6,7,8-Cl6-Dibenzo-p-di	"	Pending	Pending	Pending	Pending	Pending	Pending
1,2,3,7,8,9-Cl6-Dibenzo-p-di	"	Pending	Pending	Pending	Pending	Pending	Pending
1,2,3,4,6,7,8-Cl7-Dibenzofur	"	Pending	Pending	Pending	Pending	Pending	Pending
1,2,3,4,7,8,9-Cl7-Dibenzofur	"	Pending	Pending	Pending	Pending	Pending	Pending
1,2,3,4,6,7,8-Cl7-Dibenzo-p-	"	Pending	Pending	Pending	Pending	Pending	Pending
1,2,3,4,6,7,8,9-Cl8-Dibenzofi	"	Pending	Pending	Pending	Pending	Pending	Pending
1,2,3,4,6,7,8,9-Cl8-Dibenzo-p	"	Pending	Pending	Pending	Pending	Pending	Pending
2,3,7,8-TCDF (DB225)	pg	Pending	Pending	Pending	Pending	Pending	Pending
Internal Recoveries	%						
2,3,7,8-TCDF-13C12		Pending	Pending	Pending	Pending	Pending	Pending

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		R02090951	R02090951	R02090951
Client ID:		16A	17A	18A
Lab No.:		060282 02	060283 02	060284 02
Date Sampled:		12-Sep-2002	12-Sep-2002	12-Sep-2002
Apartment No. & Location		3N-W	3N-H	3N-F
Component	**Units**			
		Unvalidated	Unvalidated	Unvalidated
Total Tetrachlorodibenzofurai	pg	Pending	Pending	Pending
Total Pentachlorodibenzofura	"	Pending	Pending	Pending
Total Hexachlorodibenzofurai	"	Pending	Pending	Pending
Total Heptachlorodibenzofura	"	Pending	Pending	Pending
Octachlorodibenzofuran	"	Pending	Pending	Pending
Total Tetrachlorodibenzo-p-di	"	Pending	Pending	Pending
Total Pentachlorodibenzo-p-d	"	Pending	Pending	Pending
Total Hexachlorodibenzo-p-di	"	Pending	Pending	Pending
Total Heptachlorodibenzo-p-d	"	Pending	Pending	Pending
Octachlorodibenzo-p-dioxin	"	Pending	Pending	Pending
Internal Recoveries	%			
2,3,7,8-T4CDF-13C12		Pending	Pending	Pending
2,3,7,8-T4CDD-13C12		Pending	Pending	Pending
1,2,3,7,8-P5CDF-13C12		Pending	Pending	Pending
1,2,3,7,8-P5CDD-13C12		Pending	Pending	Pending
1,2,3,4,7,8-H6CDF-13C12		Pending	Pending	Pending
1,2,3,6,7,8-H6CDD-13C12		Pending	Pending	Pending
1,2,3,4,6,7,8-H7CDF-13C12		Pending	Pending	Pending
1,2,3,4,6,7,8-H7CDD-13C12		Pending	Pending	Pending
OCDD-13C12		Pending	Pending	Pending
2,3,7,8-Cl4-Dibenzofuran (DI	pg	Pending	Pending	Pending
2,3,7,8-Cl4-Dibenzo-p-dioxin	"	Pending	Pending	Pending
1,2,3,7,8-Cl5-Dibenzofuran	"	Pending	Pending	Pending
2,3,4,7,8-Cl5-Dibenzofuran	"	Pending	Pending	Pending
1,2,3,7,8-Cl5-Dibenzo-p-diox	"	Pending	Pending	Pending
1,2,3,4,7,8-Cl6-Dibenzofuran	"	Pending	Pending	Pending
1,2,3,6,7,8-Cl6-Dibenzofuran	"	Pending	Pending	Pending
2,3,4,6,7,8-Cl6-Dibenzofuran	"	Pending	Pending	Pending
1,2,3,7,8,9-Cl6-Dibenzofuran	"	Pending	Pending	Pending
1,2,3,4,7,8-Cl6-Dibenzo-p-di	"	Pending	Pending	Pending
1,2,3,6,7,8-Cl6-Dibenzo-p-di	"	Pending	Pending	Pending
1,2,3,7,8,9-Cl6-Dibenzo-p-di	"	Pending	Pending	Pending
1,2,3,4,6,7,8-Cl7-Dibenzofur	"	Pending	Pending	Pending
1,2,3,4,7,8,9-Cl7-Dibenzofur	"	Pending	Pending	Pending
1,2,3,4,6,7,8-Cl7-Dibenzo-p-	"	Pending	Pending	Pending
1,2,3,4,6,7,8,9-Cl8-Dibenzofi	"	Pending	Pending	Pending
1,2,3,4,6,7,8,9-Cl8-Dibenzo-p	"	Pending	Pending	Pending
2,3,7,8-TCDF (DB225)	pg	Pending	Pending	Pending
Internal Recoveries	%			
2,3,7,8-TCDF-13C12		Pending	Pending	Pending

NYC-WTC_000453026

L□D□C□"□T□i□m□e□s□ □N□e□w□ □R□o□m□a□n□,□B□o□l□d□ □I□t□a□l□i□c□"□1□4□P□A□S□C□ □-□
□S□u□

Batch Code:	**1004HW01**	**1004HW01**
Total Tetrachlc	060266 02	060272 02
	060267 02	060273 02
	060268 02	060274 02
	060269 02	
	060270 02	
	060271 02	
Date Analysed	02/10/09	02/10/10
Date Prepared:	02/10/04	02/10/04

Batch Code:	**1004HW01**	**1004HW01**
2,3,7,8-Cl4-Di	060266 02	060272 02
	060267 02	060273 02
	060268 02	060274 02
	060269 02	
	060270 02	
	060271 02	
Date Analysed	02/10/09	02/10/10
Date Prepared:	02/10/04	02/10/04

Batch Code:	
Date Analysed:	
Date Prepared:	

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