

4/15/03

PASC - Certificate of Analysis

Page 1 of 9

Component	<i>Client ID:</i>		Method	Blank	Recovery	3rd
	<i>Lab No.:</i>		Blank	Spike		Floor-01
	<i>Date Sampled:</i>		013656 03	013656 03		013657 03
			29-Mar-2003	29-Mar-2003		29-Mar-2003
	MDL	Units				
Total Tetrachlorodibenzofurans		pg	<1.2	1100	-	<2.1
Total Pentachlorodibenzofurans		"	5.9	5700	-	<2.9
Total Hexachlorodibenzofurans		"	3.0	9700	-	<1.3
Total Heptachlorodibenzofurans		"	<4.4	4800	-	<3.6
Octachlorodibenzofuran		"	12	4400	-	4.9
Total Tetrachlorodibenzo-p-dioxins		"	<1.4	960	-	<2.5
Total Pentachlorodibenzo-p-dioxins		"	<1.6	2500	-	<2.0
Total Hexachlorodibenzo-p-dioxins		"	4.4	7600	-	<2.1
Total Heptachlorodibenzo-p-dioxins		"	7.3	2300	-	5.3
Octachlorodibenzo-p-dioxin		"	<12	5000	-	34
Internal Recoveries		%				
2,3,7,8-T4CDF-13C12			74	73	-	76
2,3,7,8-T4CDD-13C12			82	81	-	85
1,2,3,7,8-P5CDF-13C12			83	85	-	81
1,2,3,7,8-P5CDD-13C12			96	97	-	85
1,2,3,4,7,8-H6CDF-13C12			103	95	-	99
1,2,3,6,7,8-H6CDD-13C12			101	98	-	87
1,2,3,4,6,7,8-H7CDF-13C12			107	103	-	92
1,2,3,4,6,7,8-H7CDD-13C12			111	114	-	84
OCDD-13C12			102	107	-	66
2,3,7,8-Cl4-Dibenzofuran (DB5)		pg	<1.2	1100	108	<2.1
2,3,7,8-Cl4-Dibenzo-p-dioxin		"	<1.4	960	96	<2.5
1,2,3,7,8-Cl5-Dibenzofuran		"	2.3	2700	110	<2.9
2,3,4,7,8-Cl5-Dibenzofuran		"	3.6	2900	118	<3.0
1,2,3,7,8-Cl5-Dibenzo-p-dioxin		"	<1.6	2500	102	<2.0
1,2,3,4,7,8-Cl6-Dibenzofuran		"	<2.7	2500	98	<1.2
1,2,3,6,7,8-Cl6-Dibenzofuran		"	<2.7	2400	96	<1.2
2,3,4,6,7,8-Cl6-Dibenzofuran		"	3.2	2500	99	<1.4
1,2,3,7,8,9-Cl6-Dibenzofuran		"	<3.4	2300	94	<1.5
1,2,3,4,7,8-Cl6-Dibenzo-p-dioxin		"	<2.8	2600	104	<2.1
1,2,3,6,7,8-Cl6-Dibenzo-p-dioxin		"	4.4	2500	101	<2.1
1,2,3,7,8,9-Cl6-Dibenzo-p-dioxin		"	<2.7	2500	98	<2.0
1,2,3,4,6,7,8-Cl7-Dibenzofuran		"	<4.0	2500	99	<3.2
1,2,3,4,7,8,9-Cl7-Dibenzofuran		"	<4.8	2300	94	<1.7
1,2,3,4,6,7,8-Cl7-Dibenzo-p-dioxin		"	7.3	2300	92	5.3
1,2,3,4,6,7,8,9-Cl8-Dibenzofuran		"	12	4400	88	4.9
1,2,3,4,6,7,8,9-Cl8-Dibenzo-p-dioxin		"	<12	5000	100	34
2,3,7,8-TCDF (DB225)		pg	-	-	-	-
Internal Recoveries		%				
2,3,7,8-TCDF-13C12			-	-	-	-

Preliminary Report

Client: Philip Analytical Services Inc Project: JLC Environmental

4/15/03

PASC - Certificate of Analysis

Page 2 of 9

Component			3rd	3rd	4th	4th
	<i>Client ID:</i>		Floor-02	Floor-03	Floor-01	Floor-02
	<i>Lab No.:</i>		013658 03	013659 03	013660 03	013661 03
	<i>Date Sampled:</i>		29-Mar-2003	29-Mar-2003	29-Mar-2003	29-Mar-2003
	MDL	Units				
Total Tetrachlorodibenzofurans		pg	<2.6	<1.8	<1.8	4.0
Total Pentachlorodibenzofurans		"	<4.3	<2.1	<4.1	<3.9
Total Hexachlorodibenzofurans		"	<1.7	<1.0	<1.2	<1.4
Total Heptachlorodibenzofurans		"	<4.4	<3.2	<1.8	<3.5
Octachlorodibenzofuran		"	2.6	2.3	<1.6	4.3
Total Tetrachlorodibenzo-p-dioxins		"	5.8	<1.8	<3.3	13
Total Pentachlorodibenzo-p-dioxins		"	<8.6	<1.5	<1.6	<5.2
Total Hexachlorodibenzo-p-dioxins		"	<11	<3.7	<2.8	<5.8
Total Heptachlorodibenzo-p-dioxins		"	5.1	4.5	<2.7	5.1
Octachlorodibenzo-p-dioxin		"	<17	8.6	<12	32
Internal Recoveries		%				
2,3,7,8-T4CDF-13C12			69	75	70	71
2,3,7,8-T4CDD-13C12			77	88	76	76
1,2,3,7,8-P5CDF-13C12			76	87	77	73
1,2,3,7,8-P5CDD-13C12			81	92	80	77
1,2,3,4,7,8-H6CDF-13C12			100	102	94	86
1,2,3,6,7,8-H6CDD-13C12			93	97	90	82
1,2,3,4,6,7,8-H7CDF-13C12			97	103	93	81
1,2,3,4,6,7,8-H7CDD-13C12			94	104	95	81
OCDD-13C12			77	90	85	65
2,3,7,8-Cl4-Dibenzofuran (DB5)		pg	<2.6	<1.8	<1.8	<4.0
2,3,7,8-Cl4-Dibenzo-p-dioxin		"	<3.9	<1.8	<3.3	<2.6
1,2,3,7,8-Cl5-Dibenzofuran		"	<4.2	<2.1	<4.0	<3.8
2,3,4,7,8-Cl5-Dibenzofuran		"	<4.3	<2.2	<4.1	<3.9
1,2,3,7,8-Cl5-Dibenzo-p-dioxin		"	<3.1	<1.5	<1.6	<3.4
1,2,3,4,7,8-Cl6-Dibenzofuran		"	<1.5	1.2	<1.1	1.8
1,2,3,6,7,8-Cl6-Dibenzofuran		"	<1.5	1.00	<1.1	<1.3
2,3,4,6,7,8-Cl6-Dibenzofuran		"	<1.8	<1.1	<1.3	<1.5
1,2,3,7,8,9-Cl6-Dibenzofuran		"	<1.9	<1.2	<1.4	<1.6
1,2,3,4,7,8-Cl6-Dibenzo-p-dioxin		"	<2.2	<1.4	<1.6	<2.2
1,2,3,6,7,8-Cl6-Dibenzo-p-dioxin		"	<2.2	<1.4	<1.6	<2.2
1,2,3,7,8,9-Cl6-Dibenzo-p-dioxin		"	<2.1	<1.3	<1.6	<2.1
1,2,3,4,6,7,8-Cl7-Dibenzofuran		"	<3.9	<2.9	<1.6	<3.1
1,2,3,4,7,8,9-Cl7-Dibenzofuran		"	<1.6	<1.5	<1.2	<1.3
1,2,3,4,6,7,8-Cl7-Dibenzo-p-dioxin		"	5.1	2.8	<2.7	5.1
1,2,3,4,6,7,8,9-Cl8-Dibenzofuran		"	2.6	2.3	<1.6	4.3
1,2,3,4,6,7,8,9-Cl8-Dibenzo-p-dioxin		"	<17	8.6	<12	32
2,3,7,8-TCDF (DB225)		pg	-	-	-	Pending
Internal Recoveries		%				
2,3,7,8-TCDF-13C12			-	-	-	Pending

Preliminary Report

Client:Philip Analytical Services Inc Project:JLC Environmental

4/15/03

PASC - Certificate of Analysis

Page 3 of 9

Component	MDL	Units	4th	5th	5th	5th
			Floor-03	Floor-01	Floor-02	Floor-03
			Lab No.: 013662 03	013663 03	013664 03	013665 03
			Date Sampled: 29-Mar-2003	29-Mar-2003	29-Mar-2003	29-Mar-2003
Total Tetrachlorodibenzofurans	pg		<1.5	<1.4	<1.4	<2.1
Total Pentachlorodibenzofurans	"		<3.2	<2.0	1.9	<1.8
Total Hexachlorodibenzofurans	"		<1.2	<1.1	<1.4	<1.3
Total Heptachlorodibenzofurans	"		<2.4	<1.9	<1.5	<2.1
Octachlorodibenzofuran	"		2.7	<2.0	<2.0	3.5
Total Tetrachlorodibenzo-p-dioxins	"		<2.3	<1.4	<1.7	2.5
Total Pentachlorodibenzo-p-dioxins	"		<3.3	<1.5	<1.7	<2.0
Total Hexachlorodibenzo-p-dioxins	"		<2.3	<1.5	<3.8	<1.9
Total Heptachlorodibenzo-p-dioxins	"		1.9	2.4	<3.0	11
Octachlorodibenzo-p-dioxin	"		13	7.0	6.6	62
Internal Recoveries	%					
2,3,7,8-T4CDF-13C12			75	77	67	75
2,3,7,8-T4CDD-13C12			83	84	77	81
1,2,3,7,8-P5CDF-13C12			79	79	71	75
1,2,3,7,8-P5CDD-13C12			88	85	78	79
1,2,3,4,7,8-H6CDF-13C12			98	107	90	93
1,2,3,6,7,8-H6CDD-13C12			96	102	88	93
1,2,3,4,6,7,8-H7CDF-13C12			101	105	92	89
1,2,3,4,6,7,8-H7CDD-13C12			105	106	95	90
OCDD-13C12			92	89	82	74
2,3,7,8-Cl4-Dibenzofuran (DB5)	pg		<1.5	<1.4	<1.4	<2.1
2,3,7,8-Cl4-Dibenzo-p-dioxin	"		<2.3	<1.4	<1.7	<2.1
1,2,3,7,8-Cl5-Dibenzofuran	"		<3.1	<2.0	<1.3	<1.7
2,3,4,7,8-Cl5-Dibenzofuran	"		<3.2	<2.0	1.9	<1.8
1,2,3,7,8-Cl5-Dibenzo-p-dioxin	"		<3.3	<1.5	<1.7	<2.0
1,2,3,4,7,8-Cl6-Dibenzofuran	"		<1.1	<1.0	<1.3	<1.2
1,2,3,6,7,8-Cl6-Dibenzofuran	"		<1.1	<1.0	<1.3	<1.2
2,3,4,6,7,8-Cl6-Dibenzofuran	"		<1.3	<1.2	<1.5	<1.4
1,2,3,7,8,9-Cl6-Dibenzofuran	"		<1.4	<1.3	<1.7	<1.5
1,2,3,4,7,8-Cl6-Dibenzo-p-dioxin	"		<1.8	<1.5	<1.6	<1.9
1,2,3,6,7,8-Cl6-Dibenzo-p-dioxin	"		<1.8	<1.5	<1.6	<1.9
1,2,3,7,8,9-Cl6-Dibenzo-p-dioxin	"		<1.7	<1.4	<1.5	<1.8
1,2,3,4,6,7,8-Cl7-Dibenzofuran	"		<2.1	<1.7	<1.5	<2.1
1,2,3,4,7,8,9-Cl7-Dibenzofuran	"		<1.4	<2.2	<1.4	<1.5
1,2,3,4,6,7,8-Cl7-Dibenzo-p-dioxin	"		<2.6	2.4	<3.0	7.0
1,2,3,4,6,7,8,9-Cl8-Dibenzofuran	"		2.7	<2.0	<2.0	3.5
1,2,3,4,6,7,8,9-Cl8-Dibenzo-p-dioxin	"		13	7.0	6.6	62
2,3,7,8-TCDF (DB225)	pg		-	-	-	-
Internal Recoveries	%					
2,3,7,8-TCDF-13C12			-	-	-	-

Preliminary Report

Client: Philip Analytical Services Inc Project: JLC Environmental

4/15/03

PASC - Certificate of Analysis

Page 4 of 9

Component			6th	6th	6th	7th
	<i>Client ID:</i>		Floor-01	Floor-02	Floor-03	Floor-01
	<i>Lab No.:</i>		013666 03	013667 03	013668 03	013669 03
	<i>Date Sampled:</i>		29-Mar-2003	29-Mar-2003	29-Mar-2003	29-Mar-2003
	MDL	Units				
Total Tetrachlorodibenzofurans		pg	40	<1.3	<1.7	<3.8
Total Pentachlorodibenzofurans		"	18	<1.9	<2.0	<4.9
Total Hexachlorodibenzofurans		"	2.1	<1.1	<1.1	<1.7
Total Heptachlorodibenzofurans		"	<3.2	<1.4	<1.5	<2.1
Octachlorodibenzofuran		"	15	<3.4	<2.0	3.9
Total Tetrachlorodibenzo-p-dioxins		"	6.1	<1.8	<1.3	10.0
Total Pentachlorodibenzo-p-dioxins		"	<1.4	<1.6	<1.8	<3.5
Total Hexachlorodibenzo-p-dioxins		"	<1.4	<1.2	<4.4	<5.5
Total Heptachlorodibenzo-p-dioxins		"	2.8	<2.1	2.6	6.7
Octachlorodibenzo-p-dioxin		"	8.9	5.5	5.2	20
Internal Recoveries		%				
2,3,7,8-T4CDF-13C12			76	72	72	62
2,3,7,8-T4CDD-13C12			81	78	82	69
1,2,3,7,8-P5CDF-13C12			77	79	79	70
1,2,3,7,8-P5CDD-13C12			86	84	87	78
1,2,3,4,7,8-H6CDF-13C12			94	92	102	90
1,2,3,6,7,8-H6CDD-13C12			92	92	101	90
1,2,3,4,6,7,8-H7CDF-13C12			92	94	104	90
1,2,3,4,6,7,8-H7CDD-13C12			95	100	107	91
OCDD-13C12			78	87	90	74
2,3,7,8-Cl4-Dibenzofuran (DB5)		pg	38	<1.3	<1.7	<3.8
2,3,7,8-Cl4-Dibenzo-p-dioxin		"	6.1	<1.8	<1.3	<4.2
1,2,3,7,8-Cl5-Dibenzofuran		"	5.6	<1.8	<2.0	<4.9
2,3,4,7,8-Cl5-Dibenzofuran		"	12	<1.9	<2.1	<5.0
1,2,3,7,8-Cl5-Dibenzo-p-dioxin		"	<1.4	<1.6	<1.8	<3.5
1,2,3,4,7,8-Cl6-Dibenzofuran		"	2.1	<0.98	<1.0	<1.5
1,2,3,6,7,8-Cl6-Dibenzofuran		"	<1.3	<0.97	<0.99	<1.5
2,3,4,6,7,8-Cl6-Dibenzofuran		"	<1.5	<1.2	<1.2	<1.8
1,2,3,7,8,9-Cl6-Dibenzofuran		"	<1.6	<1.2	<1.3	<1.9
1,2,3,4,7,8-Cl6-Dibenzo-p-dioxin		"	<1.5	<1.2	<1.5	<2.1
1,2,3,6,7,8-Cl6-Dibenzo-p-dioxin		"	<1.5	<1.2	<1.5	<2.1
1,2,3,7,8,9-Cl6-Dibenzo-p-dioxin		"	<1.4	<1.2	<1.4	<2.0
1,2,3,4,6,7,8-Cl7-Dibenzofuran		"	<3.2	<1.2	<1.3	<1.9
1,2,3,4,7,8,9-Cl7-Dibenzofuran		"	<1.5	<1.6	<1.7	<1.7
1,2,3,4,6,7,8-Cl7-Dibenzo-p-dioxin		"	2.8	<2.1	2.6	4.2
1,2,3,4,6,7,8,9-Cl8-Dibenzofuran		"	15	<3.4	<2.0	3.9
1,2,3,4,6,7,8,9-Cl8-Dibenzo-p-dioxin		"	8.9	5.5	5.2	20
2,3,7,8-TCDF (DB225)		pg	Pending	-	-	-
Internal Recoveries		%				
2,3,7,8-TCDF-13C12			Pending	-	-	-

Preliminary Report

Client: Philip Analytical Services Inc Project: JLC Environmental

4/15/03

PASC - Certificate of Analysis

Page 5 of 9

Component	<i>Client ID:</i>		7th	7th	8th	8th
	<i>Lab No.:</i>		Floor-02	Floor-03	Floor-01	Floor-02
	<i>Date Sampled:</i>		013670 03	013671 03	013672 03	013673 03
			29-Mar-2003	29-Mar-2003	29-Mar-2003	29-Mar-2003
	MDL	Units				
Total Tetrachlorodibenzofurans	pg		<2.1	<1.7	<3.9	<2.1
Total Pentachlorodibenzofurans	"		<3.6	<2.2	<3.6	<4.5
Total Hexachlorodibenzofurans	"		<1.3	<1.1	<1.7	<1.5
Total Heptachlorodibenzofurans	"		<1.8	<1.3	<2.7	<3.5
Octachlorodibenzofuran	"		<2.0	<1.4	4.3	<3.2
Total Tetrachlorodibenzo-p-dioxins	"		<2.6	<1.6	13	<2.7
Total Pentachlorodibenzo-p-dioxins	"		<2.5	<2.3	<3.5	<3.6
Total Hexachlorodibenzo-p-dioxins	"		<3.0	<1.5	<5.2	<6.9
Total Heptachlorodibenzo-p-dioxins	"		3.3	<1.7	4.5	8.0
Octachlorodibenzo-p-dioxin	"		7.9	<4.3	24	16
Internal Recoveries	%					
2,3,7,8-T4CDF-13C12			53	58	64	70
2,3,7,8-T4CDD-13C12			61	67	71	76
1,2,3,7,8-P5CDF-13C12			68	75	73	78
1,2,3,7,8-P5CDD-13C12			76	86	82	85
1,2,3,4,7,8-H6CDF-13C12			89	97	82	88
1,2,3,6,7,8-H6CDD-13C12			83	96	82	90
1,2,3,4,6,7,8-H7CDF-13C12			87	101	84	91
1,2,3,4,6,7,8-H7CDD-13C12			89	105	85	94
OCDD-13C12			77	91	68	83
2,3,7,8-Cl4-Dibenzofuran (DB5)	pg		<2.1	<1.7	<3.9	<2.1
2,3,7,8-Cl4-Dibenzo-p-dioxin	"		<2.6	<1.6	<4.2	<2.7
1,2,3,7,8-Cl5-Dibenzofuran	"		<3.6	<2.2	<3.6	<4.4
2,3,4,7,8-Cl5-Dibenzofuran	"		<3.7	<2.3	<3.6	<4.5
1,2,3,7,8-Cl5-Dibenzo-p-dioxin	"		<2.5	<2.3	<3.5	<3.6
1,2,3,4,7,8-Cl6-Dibenzofuran	"		<1.2	<1.00	<1.6	<1.4
1,2,3,6,7,8-Cl6-Dibenzofuran	"		<1.2	<0.99	<1.6	<1.3
2,3,4,6,7,8-Cl6-Dibenzofuran	"		<1.4	<1.2	<1.9	<1.6
1,2,3,7,8,9-Cl6-Dibenzofuran	"		<1.5	<1.2	<2.0	<1.7
1,2,3,4,7,8-Cl6-Dibenzo-p-dioxin	"		<1.9	<1.5	<2.4	<1.7
1,2,3,6,7,8-Cl6-Dibenzo-p-dioxin	"		<1.9	<1.5	<2.4	<1.7
1,2,3,7,8,9-Cl6-Dibenzo-p-dioxin	"		<1.8	<1.5	<2.3	<1.6
1,2,3,4,6,7,8-Cl7-Dibenzofuran	"		<1.6	<1.2	<2.4	<3.1
1,2,3,4,7,8,9-Cl7-Dibenzofuran	"		<1.4	<1.3	<1.4	<1.5
1,2,3,4,6,7,8-Cl7-Dibenzo-p-dioxin	"		3.3	<1.7	4.5	4.9
1,2,3,4,6,7,8,9-Cl8-Dibenzofuran	"		<2.0	<1.4	4.3	<3.2
1,2,3,4,6,7,8,9-Cl8-Dibenzo-p-dioxin	"		7.9	<4.3	24	16
2,3,7,8-TCDF (DB225)	pg		-	-	-	-
Internal Recoveries	%					
2,3,7,8-TCDF-13C12			-	-	-	-

Preliminary Report

Client: Philip Analytical Services Inc Project: JLC Environmental

4/15/03

PASC - Certificate of Analysis

Page 6 of 9

Component			8th	9th	9th	9th
	<i>Client ID:</i>		Floor-03	Floor-01	Floor-02	Floor-03
	<i>Lab No.:</i>		013674 03	013675 03	013676 03	013677 03
	<i>Date Sampled:</i>		29-Mar-2003	29-Mar-2003	29-Mar-2003	29-Mar-2003
	MDL	Units				
Total Tetrachlorodibenzofurans		pg	<2.9	9.6	5.1	3.3
Total Pentachlorodibenzofurans		"	<3.6	<7.5	<3.9	13
Total Hexachlorodibenzofurans		"	<1.4	<3.8	2.5	8.3
Total Heptachlorodibenzofurans		"	<1.5	4.6	<5.4	<3.5
Octachlorodibenzofuran		"	<1.9	950	5.1	4.1
Total Tetrachlorodibenzo-p-dioxins		"	<2.5	37	7.3	26
Total Pentachlorodibenzo-p-dioxins		"	<3.6	<14	<6.0	12
Total Hexachlorodibenzo-p-dioxins		"	<4.9	3.3	16	18
Total Heptachlorodibenzo-p-dioxins		"	<2.6	20	5.8	<4.5
Octachlorodibenzo-p-dioxin		"	7.0	61	27	13
Internal Recoveries		%				
2,3,7,8-T4CDF-13C12			76	77	73	83
2,3,7,8-T4CDD-13C12			77	81	80	92
1,2,3,7,8-P5CDF-13C12			79	73	79	87
1,2,3,7,8-P5CDD-13C12			84	80	87	94
1,2,3,4,7,8-H6CDF-13C12			91	76	87	103
1,2,3,6,7,8-H6CDD-13C12			87	80	85	101
1,2,3,4,6,7,8-H7CDF-13C12			90	70	85	102
1,2,3,4,6,7,8-H7CDD-13C12			90	67	86	105
OCDD-13C12			76	51	71	88
2,3,7,8-Cl4-Dibenzofuran (DB5)		pg	<2.9	<9.5	5.1	<3.8
2,3,7,8-Cl4-Dibenzo-p-dioxin		"	<2.5	<4.4	<4.2	<1.7
1,2,3,7,8-Cl5-Dibenzofuran		"	<3.6	<7.5	<3.9	<1.4
2,3,4,7,8-Cl5-Dibenzofuran		"	<3.7	<7.6	<4.0	2.5
1,2,3,7,8-Cl5-Dibenzo-p-dioxin		"	<3.6	<5.4	<5.7	<1.5
1,2,3,4,7,8-Cl6-Dibenzofuran		"	<1.3	<2.3	2.5	2.0
1,2,3,6,7,8-Cl6-Dibenzofuran		"	<1.2	<2.3	<1.3	1.7
2,3,4,6,7,8-Cl6-Dibenzofuran		"	<1.5	<2.7	<1.5	1.8
1,2,3,7,8,9-Cl6-Dibenzofuran		"	<1.6	<2.9	<1.6	<1.5
1,2,3,4,7,8-Cl6-Dibenzo-p-dioxin		"	<2.2	<2.4	<2.3	<1.4
1,2,3,6,7,8-Cl6-Dibenzo-p-dioxin		"	<2.2	<2.4	<2.3	1.6
1,2,3,7,8,9-Cl6-Dibenzo-p-dioxin		"	<2.1	<2.3	<2.2	<1.6
1,2,3,4,6,7,8-Cl7-Dibenzofuran		"	<1.4	<52	<4.7	<3.2
1,2,3,4,7,8,9-Cl7-Dibenzofuran		"	<1.8	<4.1	<1.5	<2.5
1,2,3,4,6,7,8-Cl7-Dibenzo-p-dioxin		"	<2.6	11	<6.0	<4.5
1,2,3,4,6,7,8,9-Cl8-Dibenzofuran		"	<1.9	950	10	4.1
1,2,3,4,6,7,8,9-Cl8-Dibenzo-p-dioxin		"	7.0	61	27	13
2,3,7,8-TCDF (DB225)		pg	-	Pending	Pending	Pending
Internal Recoveries		%				
2,3,7,8-TCDF-13C12			-	Pending	Pending	Pending

Preliminary Report

Client: Philip Analytical Services Inc Project: JLC Environmental

4/15/03

PASC - Certificate of Analysis

Page 7 of 9

Component	Client ID:		10th	10th	10th	11th Floor
	Lab No.:		Floor-01	Floor-02	Floor-03	Up-01
	Date Sampled:		013678 03	013679 03	013680 03	013681 03
			29-Mar-2003	29-Mar-2003	29-Mar-2003	29-Mar-2003
	MDL	Units				
Total Tetrachlorodibenzofurans		pg	<3.3	2.7	<1.1	3.0
Total Pentachlorodibenzofurans		"	<1.9	<2.5	<2.1	<3.2
Total Hexachlorodibenzofurans		"	<2.5	<2.4	<2.6	<2.6
Total Heptachlorodibenzofurans		"	<4.2	<5.5	<2.1	<2.5
Octachlorodibenzofuran		"	8.3	7.0	<2.6	7.3
Total Tetrachlorodibenzo-p-dioxins		"	10	4.8	2.2	15
Total Pentachlorodibenzo-p-dioxins		"	<5.9	5.5	<1.5	<3.1
Total Hexachlorodibenzo-p-dioxins		"	<4.7	3.0	<2.6	<2.7
Total Heptachlorodibenzo-p-dioxins		"	<5.3	6.0	3.0	12
Octachlorodibenzo-p-dioxin		"	<17	15	7.3	46
Internal Recoveries		%				
2,3,7,8-T4CDF-13C12			77	80	80	81
2,3,7,8-T4CDD-13C12			86	97	86	88
1,2,3,7,8-P5CDF-13C12			77	86	88	78
1,2,3,7,8-P5CDD-13C12			81	99	102	86
1,2,3,4,7,8-H6CDF-13C12			93	117	111	94
1,2,3,6,7,8-H6CDD-13C12			88	112	106	92
1,2,3,4,6,7,8-H7CDF-13C12			94	120	115	96
1,2,3,4,6,7,8-H7CDD-13C12			94	125	122	95
OCDD-13C12			83	108	114	76
2,3,7,8-Cl4-Dibenzofuran (DB5)		pg	<3.3	<2.7	<1.1	<3.8
2,3,7,8-Cl4-Dibenzo-p-dioxin		"	<3.9	<1.4	<1.9	<3.4
1,2,3,7,8-Cl5-Dibenzofuran		"	<1.9	<2.2	<2.1	<3.1
2,3,4,7,8-Cl5-Dibenzofuran		"	<2.0	<2.5	<2.2	<3.2
1,2,3,7,8-Cl5-Dibenzo-p-dioxin		"	<2.1	<2.4	<1.5	<3.1
1,2,3,4,7,8-Cl6-Dibenzofuran		"	<2.3	<2.2	<2.4	<2.4
1,2,3,6,7,8-Cl6-Dibenzofuran		"	<2.3	<2.2	<2.4	<2.4
2,3,4,6,7,8-Cl6-Dibenzofuran		"	<2.7	<2.5	<2.8	<2.8
1,2,3,7,8,9-Cl6-Dibenzofuran		"	<2.9	<2.8	<3.0	<3.0
1,2,3,4,7,8-Cl6-Dibenzo-p-dioxin		"	<2.7	<2.8	<2.6	<2.7
1,2,3,6,7,8-Cl6-Dibenzo-p-dioxin		"	<2.7	<2.8	<2.6	<2.7
1,2,3,7,8,9-Cl6-Dibenzo-p-dioxin		"	<2.6	3.0	<2.5	<2.6
1,2,3,4,6,7,8-Cl7-Dibenzofuran		"	<3.9	<5.1	<2.0	<4.7
1,2,3,4,7,8,9-Cl7-Dibenzofuran		"	<3.2	<3.2	<2.3	<2.8
1,2,3,4,6,7,8-Cl7-Dibenzo-p-dioxin		"	<5.3	6.0	3.0	6.3
1,2,3,4,6,7,8,9-Cl8-Dibenzofuran		"	8.3	7.0	<2.6	7.3
1,2,3,4,6,7,8,9-Cl8-Dibenzo-p-dioxin		"	<17	15	7.3	46
2,3,7,8-TCDF (DB225)		pg	-	Pending	-	Pending
Internal Recoveries		%				
2,3,7,8-TCDF-13C12			-	Pending	-	Pending

Preliminary Report

Client:Philip Analytical Services Inc Project:JLC Environmental

4/15/03

PASC - Certificate of Analysis

Page 8 of 9

Component	<i>Client ID:</i>		11th Floor	11th Floor	11th Floor	11th Floor
	<i>Lab No.:</i>		Up-02	Up-03	Down-01	Down-02
	<i>Date Sampled:</i>		013682 03	013683 03	013684 03	013685 03
			29-Mar-2003	29-Mar-2003	29-Mar-2003	29-Mar-2003
	MDL	Units				
Total Tetrachlorodibenzofurans		pg	<1.3	<1.5	6.0	<1.7
Total Pentachlorodibenzofurans		"	<2.8	<2.6	<2.8	<2.6
Total Hexachlorodibenzofurans		"	<2.4	<1.8	<1.9	<1.7
Total Heptachlorodibenzofurans		"	<2.5	<2.3	<3.0	<1.4
Octachlorodibenzofuran		"	3.1	<2.3	<4.8	<2.2
Total Tetrachlorodibenzo-p-dioxins		"	<2.1	<2.7	31	<3.0
Total Pentachlorodibenzo-p-dioxins		"	<2.2	<2.2	<12	<2.0
Total Hexachlorodibenzo-p-dioxins		"	<2.6	<1.8	11	<4.2
Total Heptachlorodibenzo-p-dioxins		"	3.9	<3.1	4.4	3.7
Octachlorodibenzo-p-dioxin		"	9.4	7.1	29	<9.7
Internal Recoveries		%				
2,3,7,8-T4CDF-13C12			81	74	87	78
2,3,7,8-T4CDD-13C12			88	81	84	86
1,2,3,7,8-P5CDF-13C12			90	81	83	86
1,2,3,7,8-P5CDD-13C12			105	88	87	96
1,2,3,4,7,8-H6CDF-13C12			104	101	99	105
1,2,3,6,7,8-H6CDD-13C12			102	97	93	101
1,2,3,4,6,7,8-H7CDF-13C12			111	94	90	103
1,2,3,4,6,7,8-H7CDD-13C12			118	89	84	104
OCDD-13C12			118	72	65	85
2,3,7,8-Cl4-Dibenzofuran (DB5)		pg	<1.3	<1.5	<6.0	<1.7
2,3,7,8-Cl4-Dibenzo-p-dioxin		"	<2.1	<2.7	<3.3	<3.0
1,2,3,7,8-Cl5-Dibenzofuran		"	<2.7	<2.6	<2.8	<2.5
2,3,4,7,8-Cl5-Dibenzofuran		"	<2.9	<2.7	<2.9	<2.6
1,2,3,7,8-Cl5-Dibenzo-p-dioxin		"	<1.4	<2.2	<3.7	<2.0
1,2,3,4,7,8-Cl6-Dibenzofuran		"	<2.2	<1.6	<1.7	<1.6
1,2,3,6,7,8-Cl6-Dibenzofuran		"	<2.2	<1.6	<1.7	<1.6
2,3,4,6,7,8-Cl6-Dibenzofuran		"	<2.6	<1.9	<2.1	<1.9
1,2,3,7,8,9-Cl6-Dibenzofuran		"	<2.8	<2.0	<2.2	<2.0
1,2,3,4,7,8-Cl6-Dibenzo-p-dioxin		"	<2.7	<1.8	<2.1	<2.5
1,2,3,6,7,8-Cl6-Dibenzo-p-dioxin		"	<2.7	<1.8	<2.1	<2.4
1,2,3,7,8,9-Cl6-Dibenzo-p-dioxin		"	<2.6	<1.7	<2.0	<2.3
1,2,3,4,6,7,8-Cl7-Dibenzofuran		"	<2.3	<2.0	<3.0	<1.2
1,2,3,4,7,8,9-Cl7-Dibenzofuran		"	<2.5	<2.6	<2.4	<1.6
1,2,3,4,6,7,8-Cl7-Dibenzo-p-dioxin		"	3.9	<3.1	4.4	3.7
1,2,3,4,6,7,8,9-Cl8-Dibenzofuran		"	3.1	<2.3	<4.8	<2.2
1,2,3,4,6,7,8,9-Cl8-Dibenzo-p-dioxin		"	9.4	7.1	29	<9.7
2,3,7,8-TCDF (DB225)		pg	-	-	Pending	-
Internal Recoveries		%				
2,3,7,8-TCDF-13C12			-	-	Pending	-

Preliminary Report

Client: Philip Analytical Services Inc Project: JLC Environmental

4/15/03

PASC - Certificate of Analysis

Page 9 of 9

Client ID: 11th Floor
Lab No.: Down-03
Date Sampled: 013686 03
29-Mar-2003

Component	MDL	Units	
Total Tetrachlorodibenzofurans		pg	<2.4
Total Pentachlorodibenzofurans		"	<3.0
Total Hexachlorodibenzofurans		"	<1.8
Total Heptachlorodibenzofurans		"	<2.2
Octachlorodibenzofuran		"	3.2
Total Tetrachlorodibenzo-p-dioxins		"	<3.8
Total Pentachlorodibenzo-p-dioxins		"	<2.7
Total Hexachlorodibenzo-p-dioxins		"	<7.3
Total Heptachlorodibenzo-p-dioxins		"	<2.5
Octachlorodibenzo-p-dioxin		"	12
Internal Recoveries		%	
2,3,7,8-T4CDF-13C12			83
2,3,7,8-T4CDD-13C12			86
1,2,3,7,8-P5CDF-13C12			86
1,2,3,7,8-P5CDD-13C12			96
1,2,3,4,7,8-H6CDF-13C12			107
1,2,3,6,7,8-H6CDD-13C12			101
1,2,3,4,6,7,8-H7CDF-13C12			101
1,2,3,4,6,7,8-H7CDD-13C12			102
OCDD-13C12			80
2,3,7,8-Cl4-Dibenzofuran (DB5)		pg	<2.4
2,3,7,8-Cl4-Dibenzo-p-dioxin		"	<3.8
1,2,3,7,8-Cl5-Dibenzofuran		"	<2.9
2,3,4,7,8-Cl5-Dibenzofuran		"	<3.0
1,2,3,7,8-Cl5-Dibenzo-p-dioxin		"	<2.7
1,2,3,4,7,8-Cl6-Dibenzofuran		"	<1.6
1,2,3,6,7,8-Cl6-Dibenzofuran		"	<1.6
2,3,4,6,7,8-Cl6-Dibenzofuran		"	<1.9
1,2,3,7,8,9-Cl6-Dibenzofuran		"	<2.0
1,2,3,4,7,8-Cl6-Dibenzo-p-dioxin		"	<2.6
1,2,3,6,7,8-Cl6-Dibenzo-p-dioxin		"	<2.5
1,2,3,7,8,9-Cl6-Dibenzo-p-dioxin		"	<2.4
1,2,3,4,6,7,8-Cl7-Dibenzofuran		"	<2.2
1,2,3,4,7,8,9-Cl7-Dibenzofuran		"	<2.4
1,2,3,4,6,7,8-Cl7-Dibenzo-p-dioxin		"	<2.0
1,2,3,4,6,7,8,9-Cl8-Dibenzofuran		"	3.2
1,2,3,4,6,7,8,9-Cl8-Dibenzo-p-dioxin		"	12
2,3,7,8-TCDF (DB225)		pg	-
Internal Recoveries		%	
2,3,7,8-TCDF-13C12			-

Preliminary Report

Client: Philip Analytical Services Inc Project: JLC Environmental

Lab ID	Client ID	TEQ (pg)	MAX (pg)	TEQ ND = 1/2 (pg)
13656	Method Blank	2.783	6.657	4.720
13657	3rd Floor-01	0.092	6.618	3.352
13658	3rd Floor-02	0.054	9.557	4.805
13659	3rd Floor-03	0.258	4.849	2.554
13660	4th Floor-01	0.000	7.553	3.776
13661	4th Floor-02	0.269	8.236	4.253
13662	4th Floor-03	0.016	6.911	3.463
13663	5th Floor-01	0.031	4.308	2.169
13664	5th Floor-02	0.961	4.852	2.906
13665	5th Floor-03	0.135	5.489	2.812
13666	6th Floor-01	16.594	18.230	17.412
13667	6th Floor-02	0.006	4.651	2.328
13668	6th Floor-03	0.032	4.505	2.268
13669	7th Floor-01	0.066	10.474	5.270
13670	7th Floor-02	0.041	7.274	3.657
13671	7th Floor-03	0	5.087	2.543
13672	8th Floor-01	0.074	9.887	4.980
13673	8th Floor-02	0.065	8.362	4.213
13674	8th Floor-03	0.007	7.874	3.940
13675	9th Floor-01	1.124	15.623	8.373
13676	9th Floor-02	0.795	11.252	6.024
13677	9th Floor-03	1.984	5.42	3.702
13678	10th Floor-01	0.008	8.314	4.161
13679	10th Floor-02	0.378	6.215	3.296
13680	10th Floor-03	0.037	5.913	2.975
13681	11th Floor Up-01	0.117	9.117	4.617
13682	11th Floor Up-02	0.052	6.416	3.234
13683	11th Floor Up-03	0.007	6.704	3.356
13684	11th Floor Down-01	0.073	8.898	4.485
13685	11th Floor Down-02	0.037	7.061	3.549
13686	11th Floor Down-03	0.015	8.545	4.280