

Gilsenan, Michael

From: Theodorellys, Penny
Sent: Wednesday, October 16, 2002 8:55 AM
To: Radhakrishnan, Krish
Cc: Gilsenan, Michael
Subject: FW: Preliminary Dioxin Wipe samples

-----Original Message-----

From: Benjamin M. Sallemi [mailto:sallemi15@atc-enviro.com]
Sent: Tuesday, October 15, 2002 4:05 PM
To: Penny Theodorellys
Cc: fitzpatrick.robert@epa.gov
Subject: Preliminary Dioxin Wipe samples

Penny,

Attached is an excel spreadsheet for the first eight of eighteen in the first batch of Dioxin wipe results.

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		Method	Blank	Blank	R02090951	R02090951
<i>Client ID:</i>		Blank	Spike#1	Spike#1	01A	02A
<i>Lab No.:</i>		060266 02	060266 02	%Recoveries	060267 02	060268 02
<i>Date Sampled:</i>		12-Sep-2002	12-Sep-2002		12-Sep-2002	12-Sep-2002
Apartment No. & Location					3S-W	3S-H
Component	Units					
Total Tetrachlorodibenzofurans	pg	<3.9	1100	-	<2.0	130
Total Pentachlorodibenzofurans	"	17	6400	-	<2.2	55
Total Hexachlorodibenzofurans	"	52	10000	-	<1.6	45
Total Heptachlorodibenzofurans	"	42	5100	-	<2.1	46
Octachlorodibenzofuran	"	67	4400	-	3.5	33
Total Tetrachlorodibenzo-p-dioxins	"	4.3	1100	-	4.3	110
Total Pentachlorodibenzo-p-dioxins	"	12	2700	-	<2.9	16
Total Hexachlorodibenzo-p-dioxins	"	35	7900	-	<8.9	<35
Total Heptachlorodibenzo-p-dioxins	"	26	2600	-	3.9	88
Octachlorodibenzo-p-dioxin	"	65	4900	-	16	390
Internal Recoveries	%					
2,3,7,8-T4CDF-13C12		65	70	70	82	72
2,3,7,8-T4CDD-13C12		74	84	84	79	75
1,2,3,7,8-P5CDF-13C12		43	70	70	88	61
1,2,3,7,8-P5CDD-13C12		48	76	76	105	67
1,2,3,4,7,8-H6CDF-13C12		72	85	85	86	73
1,2,3,6,7,8-H6CDD-13C12		74	88	88	91	76
1,2,3,4,6,7,8-H7CDF-13C12		82	86	86	83	71
1,2,3,4,6,7,8-H7CDD-13C12		75	89	89	81	68
OCDD-13C12		84	108	108	94	75
2,3,7,8-Cl4-Dibenzofuran (DB5)	pg	<3.9	1100	105	<2.0	20
2,3,7,8-Cl4-Dibenzo-p-dioxin	"	4.3	1100	109	<2.6	<2.5
1,2,3,7,8-Cl5-Dibenzofuran	"	<9.6	2900	114	<2.1	4.0
2,3,4,7,8-Cl5-Dibenzofuran	"	17	3500	139	<2.3	<5.0
1,2,3,7,8-Cl5-Dibenzo-p-dioxin	"	12	2700	110	<2.9	<3.6
1,2,3,4,7,8-Cl6-Dibenzofuran	"	11	2400	97	<1.4	8.2
1,2,3,6,7,8-Cl6-Dibenzofuran	"	14	2600	102	<1.4	4.5
2,3,4,6,7,8-Cl6-Dibenzofuran	"	<14	2500	100	<1.7	10
1,2,3,7,8,9-Cl6-Dibenzofuran	"	29	2500	98	<2.0	<2.5
1,2,3,4,7,8-Cl6-Dibenzo-p-dioxin	"	<9.1	2700	108	<4.6	<2.4
1,2,3,6,7,8-Cl6-Dibenzo-p-dioxin	"	14	2600	105	<4.5	<3.4
1,2,3,7,8,9-Cl6-Dibenzo-p-dioxin	"	22	2600	102	<4.4	<2.3
1,2,3,4,6,7,8-Cl7-Dibenzofuran	"	18	2600	104	<1.8	21
1,2,3,4,6,7,8-Cl7-Dibenzo-p-dioxin	"	25	2400	97	<2.5	<3.1
1,2,3,4,6,7,8-Cl7-Dibenzo-p-dioxin	"	26	2600	103	3.9	48
1,2,3,4,6,7,8,9-Cl8-Dibenzofuran	"	67	4400	87	3.5	33
1,2,3,4,6,7,8,9-Cl8-Dibenzo-p-dioxin	"	65	4900	99	16	390
2,3,7,8-TCDF (DB225)	pg	-	-	-	-	Pending
Internal Recoveries	%					
2,3,7,8-TCDF-13C12		-	-	-	-	Pending

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		R02090951	R02090951	R02090951	R02090951	R02090951
Client ID:		03A	04A	05A	06A	07A
Lab No.:		060269 02	060270 02	060271 02	060272 02	060273 02
Date Sampled:		12-Sep-2002	12-Sep-2002	12-Sep-2002	12-Sep-2002	12-Sep-2002
Apartment No. & Location		3S-F	2N-W	2N-H	2N-F	2S-W
Component	Units					
Total Tetrachlorodibenzofurans	pg	27	<1.9	<2.0	5.8	<1.7
Total Pentachlorodibenzofurans	"	<8.8	<1.9	<3.4	<1.5	<1.6
Total Hexachlorodibenzofurans	"	21	<1.5	<1.2	2.5	<1.1
Total Heptachlorodibenzofurans	"	57	<1.9	<1.8	11	<2.1
Octachlorodibenzofuran	"	53	<2.7	<2.2	9.6	4.2
Total Tetrachlorodibenzo-p-dioxins	"	56	<3.7	<3.4	20	<1.3
Total Pentachlorodibenzo-p-dioxins	"	5.1	<3.4	<5.8	<3.4	<2.9
Total Hexachlorodibenzo-p-dioxins	"	2.9	<8.0	<11	1.7	<3.7
Total Heptachlorodibenzo-p-dioxins	"	62	<3.3	7.0	9.8	<2.0
Octachlorodibenzo-p-dioxin	"	320	16	13	68	8.6
Internal Recoveries	%					
2,3,7,8-T4CDF-13C12		68	65	81	72	75
2,3,7,8-T4CDD-13C12		76	73	85	85	92
1,2,3,7,8-P5CDF-13C12		76	60	86	67	83
1,2,3,7,8-P5CDD-13C12		93	67	96	76	91
1,2,3,4,7,8-H6CDF-13C12		79	79	96	86	96
1,2,3,6,7,8-H6CDD-13C12		80	77	94	90	95
1,2,3,4,6,7,8-H7CDF-13C12		78	85	97	92	97
1,2,3,4,6,7,8-H7CDD-13C12		79	82	91	93	97
OCDD-13C12		91	100	115	104	112
2,3,7,8-Cl4-Dibenzofuran (DB5)	pg	11	<1.9	<2.0	4.0	<1.7
2,3,7,8-Cl4-Dibenzo-p-dioxin	"	<3.7	<2.7	<2.5	<1.3	<1.3
1,2,3,7,8-Cl5-Dibenzofuran	"	<6.5	<1.8	<3.2	<1.5	<1.5
2,3,4,7,8-Cl5-Dibenzofuran	"	<7.1	<1.9	<3.5	<1.6	<1.6
1,2,3,7,8-Cl5-Dibenzo-p-dioxin	"	<4.2	<3.4	<3.0	<2.8	<2.9
1,2,3,4,7,8-Cl6-Dibenzofuran	"	5.2	<1.3	<1.1	<0.92	<0.97
1,2,3,6,7,8-Cl6-Dibenzofuran	"	3.0	<1.4	<1.1	<0.94	<0.99
2,3,4,6,7,8-Cl6-Dibenzofuran	"	<2.7	<1.6	<1.3	<1.1	<1.2
1,2,3,7,8,9-Cl6-Dibenzofuran	"	<3.3	<2.0	<1.6	<1.4	<1.4
1,2,3,4,7,8-Cl6-Dibenzo-p-dioxin	"	<2.6	<3.2	<3.3	<1.2	<1.6
1,2,3,6,7,8-Cl6-Dibenzo-p-dioxin	"	<2.6	<3.1	<3.3	<1.2	<1.6
1,2,3,7,8,9-Cl6-Dibenzo-p-dioxin	"	<2.5	<3.1	<3.2	<1.2	<1.6
1,2,3,4,6,7,8-Cl7-Dibenzofuran	"	33	<1.6	<1.5	5.0	<3.2
1,2,3,4,7,8,9-Cl7-Dibenzofuran	"	<2.8	<2.3	<2.2	<2.2	<4.5
1,2,3,4,6,7,8-Cl7-Dibenzo-p-dioxin	"	35	<3.3	4.7	9.8	<2.7
1,2,3,4,6,7,8,9-Cl8-Dibenzofuran	"	53	<2.7	<2.2	9.6	4.2
1,2,3,4,6,7,8,9-Cl8-Dibenzo-p-dioxin	"	320	16	13	68	8.6
2,3,7,8-TCDF (DB225)	pg	Pending	-	-	Pending	Pending
Internal Recoveries	%					
2,3,7,8-TCDF-13C12		Pending	-	-	Pending	Pending

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		R02090951	R02090951	R02090951	R02090951	R02090951
Client ID:		08A	09A	10A	11A	12A
Lab No.:		060274 02	060275 02	060276 02	060277 02	060278 02
Date Sampled:		12-Sep-2002	12-Sep-2002	12-Sep-2002	12-Sep-2002	12-Sep-2002
Apartment No. & Location		2S-H	2S-F	4N-W	4N-H	4N-F
Component	Units		Unvalidated	Unvalidated	Unvalidated	Unvalidated
Total Tetrachlorodibenzofurans	pg	<1.7	Pending	Pending	Pending	Pending
Total Pentachlorodibenzofurans	"	<1.7	Pending	Pending	Pending	Pending
Total Hexachlorodibenzofurans	"	1.8	Pending	Pending	Pending	Pending
Total Heptachlorodibenzofurans	"	<3.8	Pending	Pending	Pending	Pending
Octachlorodibenzofuran	"	<2.5	Pending	Pending	Pending	Pending
Total Tetrachlorodibenzo-p-dioxins	"	<2.0	Pending	Pending	Pending	Pending
Total Pentachlorodibenzo-p-dioxins	"	<2.6	Pending	Pending	Pending	Pending
Total Hexachlorodibenzo-p-dioxins	"	1.9	Pending	Pending	Pending	Pending
Total Heptachlorodibenzo-p-dioxins	"	4.2	Pending	Pending	Pending	Pending
Octachlorodibenzo-p-dioxin	"	12	Pending	Pending	Pending	Pending
Internal Recoveries	%					
2,3,7,8-T4CDF-13C12		71	Pending	Pending	Pending	Pending
2,3,7,8-T4CDD-13C12		83	Pending	Pending	Pending	Pending
1,2,3,7,8-P5CDF-13C12		70	Pending	Pending	Pending	Pending
1,2,3,7,8-P5CDD-13C12		79	Pending	Pending	Pending	Pending
1,2,3,4,7,8-H6CDF-13C12		90	Pending	Pending	Pending	Pending
1,2,3,6,7,8-H6CDD-13C12		94	Pending	Pending	Pending	Pending
1,2,3,4,6,7,8-H7CDF-13C12		92	Pending	Pending	Pending	Pending
1,2,3,4,6,7,8-H7CDD-13C12		97	Pending	Pending	Pending	Pending
OCDD-13C12		114	Pending	Pending	Pending	Pending
2,3,7,8-Cl4-Dibenzofuran (DB5)	pg	<1.7	Pending	Pending	Pending	Pending
2,3,7,8-Cl4-Dibenzo-p-dioxin	"	<2.0	Pending	Pending	Pending	Pending
1,2,3,7,8-Cl5-Dibenzofuran	"	<1.6	Pending	Pending	Pending	Pending
2,3,4,7,8-Cl5-Dibenzofuran	"	<1.8	Pending	Pending	Pending	Pending
1,2,3,7,8-Cl5-Dibenzo-p-dioxin	"	<2.6	Pending	Pending	Pending	Pending
1,2,3,4,7,8-Cl6-Dibenzofuran	"	1.6	Pending	Pending	Pending	Pending
1,2,3,6,7,8-Cl6-Dibenzofuran	"	<0.86	Pending	Pending	Pending	Pending
2,3,4,6,7,8-Cl6-Dibenzofuran	"	<1.0	Pending	Pending	Pending	Pending
1,2,3,7,8,9-Cl6-Dibenzofuran	"	<1.2	Pending	Pending	Pending	Pending
1,2,3,4,7,8-Cl6-Dibenzo-p-dioxin	"	<1.4	Pending	Pending	Pending	Pending
1,2,3,6,7,8-Cl6-Dibenzo-p-dioxin	"	<1.4	Pending	Pending	Pending	Pending
1,2,3,7,8,9-Cl6-Dibenzo-p-dioxin	"	<1.3	Pending	Pending	Pending	Pending
1,2,3,4,6,7,8-Cl7-Dibenzofuran	"	<3.3	Pending	Pending	Pending	Pending
1,2,3,4,7,8,9-Cl7-Dibenzofuran	"	<4.6	Pending	Pending	Pending	Pending
1,2,3,4,6,7,8-Cl7-Dibenzo-p-dioxin	"	4.2	Pending	Pending	Pending	Pending
1,2,3,4,6,7,8,9-Cl8-Dibenzofuran	"	<2.5	Pending	Pending	Pending	Pending
1,2,3,4,6,7,8,9-Cl8-Dibenzo-p-dioxin	"	12	Pending	Pending	Pending	Pending
2,3,7,8-TCDF (DB225)	pg	Pending	Pending	Pending	Pending	Pending
Internal Recoveries	%					
2,3,7,8-TCDF-13C12		Pending	Pending	Pending	Pending	Pending

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		R02090951	R02090951	R02090951	R02090951	R02090951
Client ID:		13A	14A	15A	16A	17A
Lab No.:		060279 02	060280 02	060281 02	060282 02	060283 02
Date Sampled:		12-Sep-2002	12-Sep-2002	12-Sep-2002	12-Sep-2002	12-Sep-2002
Apartment No. & Location		4S-W	4S-H	4S-F	3N-W	3N-H
Component	Units	Unvalidated	Unvalidated	Unvalidated	Unvalidated	Unvalidated
Total Tetrachlorodibenzofurans	pg	Pending	Pending	Pending	Pending	Pending
Total Pentachlorodibenzofurans	"	Pending	Pending	Pending	Pending	Pending
Total Hexachlorodibenzofurans	"	Pending	Pending	Pending	Pending	Pending
Total Heptachlorodibenzofurans	"	Pending	Pending	Pending	Pending	Pending
Octachlorodibenzofuran	"	Pending	Pending	Pending	Pending	Pending
Total Tetrachlorodibenzo-p-dioxins	"	Pending	Pending	Pending	Pending	Pending
Total Pentachlorodibenzo-p-dioxins	"	Pending	Pending	Pending	Pending	Pending
Total Hexachlorodibenzo-p-dioxins	"	Pending	Pending	Pending	Pending	Pending
Total Heptachlorodibenzo-p-dioxins	"	Pending	Pending	Pending	Pending	Pending
Octachlorodibenzo-p-dioxin	"	Pending	Pending	Pending	Pending	Pending
Internal Recoveries	%					
2,3,7,8-T4CDF-13C12		Pending	Pending	Pending	Pending	Pending
2,3,7,8-T4CDD-13C12		Pending	Pending	Pending	Pending	Pending
1,2,3,7,8-P5CDF-13C12		Pending	Pending	Pending	Pending	Pending
1,2,3,7,8-P5CDD-13C12		Pending	Pending	Pending	Pending	Pending
1,2,3,4,7,8-H6CDF-13C12		Pending	Pending	Pending	Pending	Pending
1,2,3,6,7,8-H6CDD-13C12		Pending	Pending	Pending	Pending	Pending
1,2,3,4,6,7,8-H7CDF-13C12		Pending	Pending	Pending	Pending	Pending
1,2,3,4,6,7,8-H7CDD-13C12		Pending	Pending	Pending	Pending	Pending
OCDD-13C12		Pending	Pending	Pending	Pending	Pending
2,3,7,8-Cl4-Dibenzofuran (DB5)	pg	Pending	Pending	Pending	Pending	Pending
2,3,7,8-Cl4-Dibenzo-p-dioxin	"	Pending	Pending	Pending	Pending	Pending
1,2,3,7,8-Cl5-Dibenzofuran	"	Pending	Pending	Pending	Pending	Pending
2,3,4,7,8-Cl5-Dibenzofuran	"	Pending	Pending	Pending	Pending	Pending
1,2,3,7,8-Cl5-Dibenzo-p-dioxin	"	Pending	Pending	Pending	Pending	Pending
1,2,3,4,7,8-Cl6-Dibenzofuran	"	Pending	Pending	Pending	Pending	Pending
1,2,3,6,7,8-Cl6-Dibenzofuran	"	Pending	Pending	Pending	Pending	Pending
2,3,4,6,7,8-Cl6-Dibenzofuran	"	Pending	Pending	Pending	Pending	Pending
1,2,3,7,8,9-Cl6-Dibenzofuran	"	Pending	Pending	Pending	Pending	Pending
1,2,3,4,7,8-Cl6-Dibenzo-p-dioxin	"	Pending	Pending	Pending	Pending	Pending
1,2,3,6,7,8-Cl6-Dibenzo-p-dioxin	"	Pending	Pending	Pending	Pending	Pending
1,2,3,7,8,9-Cl6-Dibenzo-p-dioxin	"	Pending	Pending	Pending	Pending	Pending
1,2,3,4,6,7,8-Cl7-Dibenzofuran	"	Pending	Pending	Pending	Pending	Pending
1,2,3,4,7,8,9-Cl7-Dibenzofuran	"	Pending	Pending	Pending	Pending	Pending
1,2,3,4,6,7,8-Cl7-Dibenzo-p-dioxin	"	Pending	Pending	Pending	Pending	Pending
1,2,3,4,6,7,8,9-Cl8-Dibenzofuran	"	Pending	Pending	Pending	Pending	Pending
1,2,3,4,6,7,8,9-Cl8-Dibenzo-p-dioxin	"	Pending	Pending	Pending	Pending	Pending
2,3,7,8-TCDF (DB225)	pg	Pending	Pending	Pending	Pending	Pending
Internal Recoveries	%					
2,3,7,8-TCDF-13C12		Pending	Pending	Pending	Pending	Pending

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Client ID: R02090951
Lab No.: 18A
Date Sampled: 060284 02
12-Sep-2002

Apartment No. & Location

3N-F

Component	Units	Unvalidated
Total Tetrachlorodibenzofurans	pg	Pending
Total Pentachlorodibenzofurans	"	Pending
Total Hexachlorodibenzofurans	"	Pending
Total Heptachlorodibenzofurans	"	Pending
Octachlorodibenzofuran	"	Pending
Total Tetrachlorodibenzo-p-dioxins	"	Pending
Total Pentachlorodibenzo-p-dioxins	"	Pending
Total Hexachlorodibenzo-p-dioxins	"	Pending
Total Heptachlorodibenzo-p-dioxins	"	Pending
Octachlorodibenzo-p-dioxin	"	Pending
Internal Recoveries	%	
2,3,7,8-T4CDF-13C12		Pending
2,3,7,8-T4CDD-13C12		Pending
1,2,3,7,8-P5CDF-13C12		Pending
1,2,3,7,8-P5CDD-13C12		Pending
1,2,3,4,7,8-H6CDF-13C12		Pending
1,2,3,6,7,8-H6CDD-13C12		Pending
1,2,3,4,6,7,8-H7CDF-13C12		Pending
1,2,3,4,6,7,8-H7CDD-13C12		Pending
OCDD-13C12		Pending
2,3,7,8-Cl4-Dibenzofuran (DB5)	pg	Pending
2,3,7,8-Cl4-Dibenzo-p-dioxin	"	Pending
1,2,3,7,8-Cl5-Dibenzofuran	"	Pending
2,3,4,7,8-Cl5-Dibenzofuran	"	Pending
1,2,3,7,8-Cl5-Dibenzo-p-dioxin	"	Pending
1,2,3,4,7,8-Cl6-Dibenzofuran	"	Pending
1,2,3,6,7,8-Cl6-Dibenzofuran	"	Pending
2,3,4,6,7,8-Cl6-Dibenzofuran	"	Pending
1,2,3,7,8,9-Cl6-Dibenzofuran	"	Pending
1,2,3,4,7,8-Cl6-Dibenzo-p-dioxin	"	Pending
1,2,3,6,7,8-Cl6-Dibenzo-p-dioxin	"	Pending
1,2,3,7,8,9-Cl6-Dibenzo-p-dioxin	"	Pending
1,2,3,4,6,7,8-Cl7-Dibenzofuran	"	Pending
1,2,3,4,7,8,9-Cl7-Dibenzofuran	"	Pending
1,2,3,4,6,7,8-Cl7-Dibenzo-p-dioxin	"	Pending
1,2,3,4,6,7,8,9-Cl8-Dibenzofuran	"	Pending
1,2,3,4,6,7,8,9-Cl8-Dibenzo-p-dioxin	"	Pending
2,3,7,8-TCDF (DB225)	pg	Pending
Internal Recoveries	%	
2,3,7,8-TCDF-13C12		Pending

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