

NYC Emergency Response
Air Samples - dioxin and furan results
Sampling Date 12/11/01

Sample No. Sampling Location	WG6353-1 Method Blank			05871 R- TAGA			05872 R- TAGA			05873 A-Barclay & West Broadway			05874 Loc 3B Church & Vesey			05875 B-Church & Dey St.			05876 C-Liberty St. & Church St.		
Volume (Liters)	0			6600			6825			6765			7200			7200			7200		
Analyte	Result ng	EMPC ng	MDL ng	Result ng/m ³	EMPC ng/m ³	MDL ng/m ³	Result ng/m ³	EMPC ng/m ³	MDL ng/m ³	Result ng/m ³	EMPC ng/m ³	MDL ng/m ³	Result ng/m ³	EMPC ng/m ³	MDL ng/m ³	Result ng/m ³	EMPC ng/m ³	MDL ng/m ³	Result ng/m ³	EMPC ng/m ³	MDL ng/m ³
2378-TCDD	U		0.020	U		0.0030	U		0.0029	U		0.0030	U		0.0028	U		0.0028	U		0.0028
12378-PeCDD	0.0006 J		0.10	U		0.015	0.0006 J		0.015	U		0.015	U		0.014	U	0.0001	0.014	U		0.014
123478-HxCDD	U		0.10	U		0.015	U	0.0002	0.015	U		0.015	U		0.014	U		0.014	U		0.014
123678-HxCDD	0.0034 J		0.10	U	0.0005	0.015	U		0.015	U	0.0006	0.015	U	0.0004	0.014	U	0.0004	0.014	U	0.0004	0.014
123789-HxCDD	U		0.10	U		0.015	0.0008 J		0.015	U		0.015	U		0.014	U	0.0002	0.014	U		0.014
1234678-HpCDD	U	0.0051	0.10	U		0.015	0.0027 J		0.015	U		0.015	U		0.014	U		0.014	U		0.014
OCDD	0.0246 J		0.20	U		0.030	U		0.029	U		0.030	U		0.028	U		0.028	U		0.028
2378-TCDF	U		0.020	U		0.0030	U		0.0029	U		0.0030	0.0002 J		0.0028	0.0002 J		0.0028	U		0.0028
12378-PeCDF	U	0.0004	0.10	U		0.015	U		0.015	U		0.015	U	0.0001	0.014	U	0.0001	0.014	U	0.0002	0.014
23478-PeCDF	U	0.0006	0.10	U		0.015	U		0.015	U		0.015	0.0001 J		0.014	0.0002 J		0.014	U	0.0002	0.014
123478-HxCDF	U		0.10	U	0.0002	0.015	U		0.015	U	0.0001	0.015	U	0.0001	0.014	U	0.0002	0.014	U	0.0003	0.014
123678-HxCDF	U		0.10	U	0.0002	0.015	U		0.015	0.0001 J		0.015	U	0.0001	0.014	U		0.014	U		0.014
234678-HxCDF	U		0.10	U	0.0001	0.015	U		0.015	U		0.015	0.0001 J		0.014	U	0.0001	0.014	U	0.0001	0.014
123789-HxCDF	U		0.10	U		0.015	U		0.015	U		0.015	0.0001 J		0.014	U		0.014	U		0.014
1234678-HpCDF	U		0.10	U		0.015	U		0.015	U	0.0003	0.015	U	0.0005	0.014	0.0006 J		0.014	U	0.0007	0.014
1234789-HpCDF	U		0.10	U		0.015	0.0001 J		0.015	U		0.015	U	0.0001	0.014	U		0.014	U		0.014
OCDF	U	0.0014	0.20	U		0.030	U		0.029	U	0.0004	0.030	U	0.0007	0.028	0.0005 J		0.028	U	0.0006	0.028
Total TCDDs	U			U			0.0017			0.0014			0.0012			0.0022			0.0022		
Total PeCDDs	0.0006			U			0.0034			0.0007			0.0007			0.0011			0.0006		
Total HxCDDs	0.0044			U			0.0057			0.0003			0.0006			0.0009			0.0003		
Total HpCDDs	0.0024			0.0017			0.0050			0.0010			0.0015			0.0009			0.0014		
Total TCDFs	U			U			U			U			0.0009			0.0014			U		
Total PeCDFs	U			U			U			U			0.0007			0.0004			U		
Total HxCDFs	U			0.0003			U			0.0001			0.0005			0.0005			0.0003		
Total HpCDFs	0.0010			0.0008			0.0009			U			U			0.0006			0.0002		
Total Adjusted Conc																					
TEQ (ND=0)	0.0006			0.0000			0.0004			0.0000			0.0001			0.0001			0.0000		
TEQ (ND=1/2)	0.0012			0.0001			0.0005			0.0001			0.0002			0.0002			0.0001		

COC# 19858

B= Not detected due to blank contamination

EMPC: Estimated Maximum Possible Concentration

TEQ: Toxicity Equivalent

ERTC 1/4/02

The TEQ (ND=1/2) is calculated using 1/2 of the estimated detection limit for U (non detect) values.

12-11-01diair

CITY_21MC100_002967582

NYC Emergency Response
Air Samples - dioxin and furan results
Sampling Date 12/11/01

Sample No.	05877			05878			05879			05880			05901			05902		
Sampling Location	D Greenwich & Albany St.			P-Albany St. & South End			S-Rector Place & South End Ave.			E-Liberty St. & South End Ave.			Field Blank			Lot Blank		
Volume (Liters)	7200			6825			7230			7245			0			0		
Analyte	Result ng/m ³	EMPC ng/m ³	MDL ng/m ³	Result ng/m ³	EMPC ng/m ³	MDL ng/m ³	Result ng/m ³	EMPC ng/m ³	MDL ng/m ³	Result ng/m ³	EMPC ng/m ³	MDL ng/m ³	Result ng	EMPC ng	MDL ng	Result ng	EMPC ng	MDL ng
2378-TCDD	U		0.0028	U		0.0029	U		0.0028	U		0.0028	U		0.020	U		0.020
12378-PeCDD	U		0.014	U		0.015	U	0.0001	0.014	0.0002 J		0.014	U	0.0004	0.10	U		0.10
123478-HxCDD	U		0.014	U		0.015	U	0.0001	0.014	U		0.014	U		0.10	U		0.10
123678-HxCDD	U	0.0006	0.014	U		0.015	U	0.0006	0.014	U		0.014	U	0.0033	0.10	0.0023 J		0.10
123789-HxCDD	U		0.014	U		0.015	U	0.0001	0.014	U		0.014	U		0.10	0.0005 J		0.10
1234678-HpCDD	U		0.014	U		0.015	U		0.014	U		0.014	U	0.0042	0.10	0.0033 J		0.10
OCDD	U		0.028	U		0.029	U		0.028	U		0.028	U		0.20	0.0187 J		0.20
2378-TCDF	U		0.0028	U		0.0029	U		0.0028	U		0.0028	U		0.020	U		0.020
12378-PeCDF	U	0.0003	0.014	U		0.015	U		0.014	U		0.014	U	0.0003	0.10	U		0.10
23478-PeCDF	0.0003 J		0.014	U		0.015	U	0.0001	0.014	U		0.014	U		0.10	U		0.10
123478-HxCDF	U	0.0004	0.014	U	0.0001	0.015	U	0.0001	0.014	U	0.0001	0.014	U		0.10	U		0.10
123678-HxCDF	0.0003 J		0.014	U	0.0001	0.015	U	0.0001	0.014	U		0.014	U		0.10	0.0004 J		0.10
234678-HxCDF	0.0004 J		0.014	U	0.0001	0.015	U	0.0001	0.014	U		0.014	U		0.10	U		0.10
123789-HxCDF	U		0.014	U		0.015	U		0.014	U		0.014	U	0.0003	0.10	U		0.10
1234678-HpCDF	0.0016 J		0.014	U	0.0004	0.015	U		0.014	U		0.014	0.0008 J		0.10	U		0.10
1234789-HpCDF	U	0.0003	0.014	U		0.015	U	0.0001	0.014	U		0.014	U		0.10	U		0.10
OCDF	0.0014 J		0.028	U		0.029	U	0.0004	0.028	U	0.0005	0.028	U		0.20	0.0014 J		0.20
Total TCDDs	0.0031			0.0008			0.0004			0.0008			U			U		
Total PeCDDs	0.0022			U			0.0002			0.0010			0.0014			U		
Total HxCDDs	0.0020			0.0012			0.0003			0.0011			0.0010			0.0038		
Total HpCDDs	0.0012			0.0009			0.0009			0.0016			U			0.0046		
Total TCDFs	0.0047			0.0002			U			U			U			U		
Total PeCDFs	0.0016			U			U			U			U			U		
Total HxCDFs	0.0016			0.0002			0.0002			0.0001			U			0.0004		
Total HpCDFs	0.0019			U			0.0003			0.0005			U			U		
Total Adjusted Conc																		
TEQ (ND=0)	0.0002			0.0000			0.0000			0.0001			0.0003			0.0003		
TEQ (ND=1/2)	0.0003			0.0001			0.0001			0.0020			0.0006			0.0008		

COC# 19858

12-11-01dioair

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