	B	C
1	**Source Description**	
2		
3	Phase II ID No.	853
4	EPA ID No.	LAD001890367
5	Facility Name	Dupont Dow Elastomers
6	Facility Location	
7	City	LaPlace
8	State	LA
9	Unit ID Name/No.	HCl Recovery Unit
10	Other Sister Facilities	None
11	Number of Sister Facilities	0
12	Combustor Class	HCl Production Furnace
13	Combustor Type	
14	Combustor Characteristics	T-Thermal, liquid injection, down fired, 48 MMBtu/hr, dual parallel units with common APCS
15	Capacity (MMBtu/hr)	48
16	Soot Blowing	
17	APCS Detailed Acronym	WQ/3STGHClABS/S/CWS
18	APCS General Class	WQ, LEWS
19	APCS Characteristics	Water spray quench, 3 stage HCl absorbers, vent scrubber, Dynawave caustic scrubber. Water used in 3-stage HCl and vent scrubbers; caustic used in Dynawave scrubber
20	Hazardous Wastes	Liq
21	Haz Waste Description	Chlorinated liq. wastes
22	Supplemental Fuel	Natural gas
23		Nat gas used during start up and shutdown, but not during normal operations
24	Stack Characteristics	
25	Diameter (ft)	1.5
26	Height (ft)	120
27	Gas Velocity (ft/sec)	20.5
28	Gas Temperature (°F)	90
29		
30	Permitting Status	HAF operation; Tier III for Cr, HCl, Cl2; Tier I for other metals
31	HWC Burn Status (Date if Terminated)	

	B	C
1	**Cond Description**	
2		
3	**853C10**	
4		
5	Report Name/Date	Source Emissions Survey of DuPont Dow Elastomers, HCl Recovery Unit Stack Risk Burn, April 1997, File Number 97-17A
6	Report Prepare	METCO Environmental
7	Testing Firm	METCO Environmental
8	Testing Dates	April 23-24, 1997
9	Cond Dates	Apr-97
10	Cond Description	Risk burn, normal operating cond
11	Content	PM, metals, CO, D/F
12		
13	**853C11**	
14		
15	Report Name/Date	Source Emissions Survey of DuPont Dow Elastomers, HCl Recovery Unit Stack Permit Burn, April 1997, File Number 97-17
16	Report Prepare	METCO Environmental
17	Testing Firm	METCO Environmental
18	Testing Dates	April 25-26, 1997
19	Cond Dates	Apr-97
20	Cond Description	Trial burn test
21	Content	DRE, PM, Cr (HCl/Cl2 testing performed, but results later considered invalid due to analytical difficulties)
22		
23	**853C12**	
24		
25	Report Name/Date	Source Emissions Survey of DuPont Dow Elastomers Halogen Acid Furnace Stack, September 1997, File Number 97-240A
26	Report Prepare	METCO Environmental
27	Testing Firm	METCO Environmental
28	Testing Dates	September 2-3, 1997
29	Cond Dates	Sep-97
30	Cond Description	Supplemental trial burn test
31	Content	PM, HCl/Cl2

	B	C	D	E	F	G	H	I	J	K	L	M
1	**Stack Gas Emissions**											
2												
3		Comments	Units	7% O2								
4												
5	**853C10**					R1		R2		R3		Cond Avg
6												
7	PM	E1	gr/dscf	y		0.0031		0.0046		0.0036		0.0038
8	Antimony		µg/dscm	n	nd	9.47	nd	8.24	nd	9.6		
9	Arsenic		µg/dscm	n	nd	0.303	nd	0.255	nd	0.36		
10	Barium		µg/dscm	n		4.5		23.75		3.43		
11	Beryllium		µg/dscm	n	nd	0.016	nd	0.017	nd	0.02		
12	Cadmium		µg/dscm	n	nd	0.352	nd	0.09	nd	0.11		
13	Chromium		µg/dscm	n		10.18		24.8		21.4		
14	Lead		µg/dscm	n	nd	6.4	nd	3.2	nd	3.4		
15	Mercury		µg/dscm	n	nd	0.29	nd	0.27	nd	0.41		
16	Silver		µg/dscm	n	nd	0.436	nd	0.78	nd	0.42		
17	Thallium		µg/dscm	n	nd	21.5	nd	16.9	nd	17.5		
18												
19	Sampling Train	PM/metals	E1									
20	Stack Gas Flowrate		dscfm			7980		8426		8287		8231
21	O2		%			4.5		4.5		4.3		4.4
22	Moisture		%			4.6		4.3		4.4		4.4
23	Temperature		°F			90		89		89		89.3
24												
25	Antimony	E1	µg/dscm	y	nd	8.0	nd	7.0	nd	8.0	100	7.7
26	Arsenic	E1	µg/dscm	y	nd	0.3	nd	0.2	nd	0.3		0.3
27	Barium	E1	µg/dscm	y		3.8		20.2		2.9		8.9
28	Beryllium	E1	µg/dscm	y	nd	0.0	nd	0.0	nd	0.0	100	0.0
29	Cadmium	E1	µg/dscm	y	nd	0.3	nd	0.1	nd	0.1	100	0.2
30	Chromium	E1	µg/dscm	y		8.6		21.0		17.9		15.9
31	Lead	E1	µg/dscm	y	nd	5.4	nd	2.7	nd	2.9	100	3.7
32	Mercury	E1	µg/dscm	y	nd	0.2	nd	0.2	nd	0.3	100	0.3
33	Silver	E1	µg/dscm	y	nd	0.4	nd	0.7	nd	0.4	100	0.5
34	Thallium	E1	µg/dscm	y	nd	18.2	nd	14.3	nd	14.7	100	15.8
35	SVM	E1	µg/dscm	y	100	5.7	100	2.8	100	2.9	100	3.8
36	LVM	E1	µg/dscm	y	3	8.9	1.08	21.3	1.7	18.3	1.7	16.1
37												
38	Particle Size Distribution	in microns										
39	0.5-1		% wt			0.6						
40	1-1.5		% wt			0.3						
41	1.5-2		% wt			1.7						
42	2-2.5		% wt			1						
43	2.5-5		% wt			23.8						
44	5-7.5		% wt			14.6						
45	7.5-10		% wt			6.7						
46	10-12.5		% wt			51.3						
47												
48	**853C11**					R1		R2		R3		Cond Avg
49												
50	PM	E1	gr/dscf	y		0.0075		0.0107		0.0079		0.0087
51	CO (RA)	E1	ppmv	y		14		18.5		12.2		14.9
52	CO (MHRA)	E1	ppmv	y		15.46		18.9		13.34		15.9
53	Chromium		µg/dscm	n		256.9		492.6		264.97		
54	Chromium (Hex)		µg/dscm	n		57.31		72.52		97.19		
55												
56	Sampling Train	PM/chlorine	E1									
57	Stack Gas Flowrate		dscfm			8680		8948		8337		8655
58	O2		%			6.8		6.7		5.8		6.4
59	Moisture		%			4.64		4.95		4.68		
60	Temperature		°F			89		90		89		
61												
62	Sampling Train	Chromium	E2									
63	Stack Gas Flowrate		dscfm			8879		8560		8824		
64	O2		%			6.8		6.7		5.8		
65	Moisture		%			4.58		4.53		4.61		
66	Temperature		°F			92		93		88		
67												
68	Chromium	E2	µg/dscm	y		253.3		482.3		244.1		326.5

	B	C	D	E	F	G	H	I	J	K	L	M
69	Chromium (Hex)	E2	µg/dscm	y		56.5		71.0		89.5		72.3
70	LVM	E2	µg/dscm	y		253.3		482.3		244.1		326.5
71												
72	POHC DRE	1,4-dichloro-2-butene										
73	Feedrate		lb/hr			197.14		202.3		223.78		
74	Emission Rate	E1	lb/hr			0		0		0		
75	DRE	E1	%		>	99.999	>	99.999	>	99.999		
76												
77	POHC DRE	Carbon Tetrachloride										
78	Feedrate		lb/hr			587.5		588.4		643.1		
79	Emission Rate	E1	lb/hr			0.004		0.003		0.003		
80	DRE	E1	%		>	99.999	>	99.999	>	99.999		
81												
82	POHC DRE	Chlorobenzene										
83	Feedrate		lb/hr			190.9		186.3		192.9		
84	Emission Rate	E1	lb/hr			2.65E-04		4.94E-04	nd	2.53E-04		
85	DRE	E1	%		>	99.999	>	99.999	>	99.999		
86												
87	**853C12**					R1		R2		R3		Cond Avg
88												
89	PM	E1	gr/dscf	y		0.0474		0.0435		0.0384		0.0431
90	CO (RA)	E1	ppmv	y		37.39		21.25		19.99		26.2
91	CO (MHRA)	E1	ppmv	y		43.57		22.01		20.74		28.8
92	HCl		ppmv	n		529.6		505.5		504.3		
93	Cl2		ppmv	n		2.2		1.9		1.7		
94												
95	Sampling Train	PM/chlorine	E1									
96	Stack Gas Flowrate		dscfm			8470		8528		8556		8518.0
97	O2		%			6.1		6.5		6.6		6.4
98	Moisture		%			8.4		7.93		7.5		
99	Temperature		°F			107		108		107		
100												
101	HCl	E1	ppmv	y		497.6		488.1		490.3		492.0
102	Cl2	E1	ppmv	y		2.1		1.8		1.7		1.9
103	Total Chlorine	E1	ppmv	y		501.7		491.7		493.6		495.7

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
1	**Feedstreams**																	
2																		
3	**853C10**	**Risk burn**			R1		R2		R3		Cond Avg		R1		R2		R3	
4																		
5	Feedstream Number				F1		F1		F1		F1		F2		F2		F2	
6	Feed Class				Liq HW		Liq HW		Liq HW		Liq HW		Total		Total		Total	
7	Feed Class 2				HW		HW		HW		HW		Total		Total		Total	
8	Feedstream Description				Liq organic waste		Liquid organic waste		Liquid organic waste		Liquid organic waste		Total		Total		Total	
9	Total Feedrate		lb/hr		4331.0		4331.0		4331.0		4331.0							
10	Density		kg/l		1.109		1.127		1.026		1.1							
11	Heat Content		Btu/lb		11167		11690		11560		11140							
12	Thermal Feedrate		MMBtu/hr		48.36		50.63		50.07		48.25		48.36		50.63		50.07	
13	Viscosity		cst	nd	6	nd	6	nd	6		6							
14	Ash		% wt		0.0176		0.0246		0.0289		0.0237							
15	Chlorine		% wt		39.3		44.2		36.8		40.1							
16	Antimony		ppmw	nd	1.5	nd	1.4	nd	1.4		1.4							
17	Arsenic		ppmw	nd	0.12	nd	0.12	nd	0.12		0.12							
18	Barium		ppmw	nd	0.18	nd	0.18	nd	0.18		0.18							
19	Beryllium		ppmw	nd	0.01	nd	0.01	nd	0.01		0.01							
20	Cadmium		ppmw	nd	0.02	nd	0.02	nd	0.02		0.02							
21	Chromium		ppmw		1.3		1.4		0.59		1.1							
22	Lead		ppmw	nd	1.6	nd	1.6	nd	1.6		1.6							
23	Mercury		ppmw	nd	0.03	nd	0.03	nd	0.02		0.03							
24	Silver		ppmw	nd	0.24	nd	0.24	nd	0.24		0.24							
25	Thallium		ppmw	nd	8.2	nd	8.1	nd	8.1		8.1							
26	Selenium		ppmw	nd	2.8	nd	2.8	nd	2.8		2.8							
27	Nickel		ppmw	nd	11.8	nd	13.6	nd	0.69		8.7							
28																		
29	Gas Flowrate		dscfm		7980		8426		8287		8231.0							
30	Oxygen		%		4.5		4.5		4.3		4.4							
31																		
32	*Feedrate MTEC Calculations*																	
33	Ash		mg/dscm		21.7		28.7		33.9		28.1		21.7		28.7		33.9	
34	Chlorine		ug/dscm		48388271		51540812		43109044		47679376		48388271		51540812		43109044	
35	Antimony		ug/dscm	100	184.7	100	163.3	100	164.0	100	170.6	100	92.3	100	81.6	100	82.0	100
36	Arsenic		ug/dscm	100	14.8	100	14.0	100	14.1	100	14.3	100	7.4	100	7.0	100	7.0	100
37	Barium		ug/dscm	100	22.2	100	21.0	100	21.1	100	21.4	100	11.1	100	10.5	100	10.5	100
38	Beryllium		ug/dscm	100	1.2	100	1.2	100	1.2	100	1.2	100	0.6	100	0.6	100	0.6	100
39	Cadmium		ug/dscm	100	2.5	100	2.3	100	2.3	100	2.4	100	1.2	100	1.2	100	1.2	100
40	Chromium		ug/dscm		160.1		163.3		69.1		130.8		160.1		163.3		69.1	
41	Lead		ug/dscm	100	197.0	100	186.6	100	187.4	100	190.3	100	98.5	100	93.3	100	93.7	100
42	Mercury		ug/dscm	100	3.7	100	3.5	100	2.3	100	3.2	100	1.8	100	1.7	100	1.2	100
43	Silver		ug/dscm	100	29.6	100	28.0	100	28.1	100	28.6	100	14.8	100	14.0	100	14.1	100
44	Thallium		ug/dscm	100	1009.6	100	944.5	100	948.9	100	967.7	100	504.8	100	472.3	100	474.4	100
45	Selenium		ug/dscm	100	344.8	100	326.5	100	328.0	100	333.1	100	172.4	100	163.3	100	164.0	100
46	Nickel		ug/dscm	100	1452.9	100	1585.9	100	80.8	100	1039.9	100	726.4	100	792.9	100	40.4	100
47	SVM		ug/dscm	100	199.5	100	188.9	100	189.8	100	192.7	100	199.5	100	188.9	100	189.8	100
48	LVM		ug/dscm	9	176.1	8	178.4	18	84.3	11	146.3	9	176.1	8	178.4	18	84.3	11
49																		
50																		
51																		
52	**853C11**	**Trial burn**			R1		R2		R3		Cond Avg		R1		R2		R3	
53																		
54	Feedstream Number				F1		F1		F1		F1		F2		F2		F2	
55	Feed Class				Liq HW		Liq HW		Liq HW		Liq HW		Spike		Spike		Spike	
56	Feed Class 2				HW		HW		HW		HW		Spike		Spike		Spike	
57	Feedstream Description				Liquid organic waste		Liquid organic waste		Liquid organic waste		Liquid organic waste		Spike		Spike		Spike	
58	Feed Rate		lb/hr		4895.4		4903.6		4947.0		4877.5							

	T	U	V	W	X	Y	Z	AA	AB
1									
2									
3	Cond Avg								
4									
5	F2								
6	Total								
7	Total								
8	Total								
9									
10									
11									
12	48.25								
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									
29									
30									
31									
32									
33	28.1								
34	47679376								
35	170.6								
36	14.3								
37	21.4								
38	1.2								
39	2.4								
40	130.8								
41	190.3								
42	3.2								
43	28.6								
44	967.7								
45	333.1								
46	1039.9								
47	192.7								
48	146.3								
49									
50									
51									
52	Cond Avg		R1		R2		R3		Cond Avg
53									
54	F2		F3		F3		F3		F3
55	Spike		Total		Total		Total		Total
56	Spike		Total		Total		Total		Total
57	Spike		Total		Total		Total		Total
58									

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
59	Heat Content		Btu/lb		9550		9568		8773		9297							
60																		
61	Viscosity		cst	nd	6		6		6		6							
62	Ash		% wt		0.041		0.039		0.045		0.042							
63	Ash		g/hr		910.43		867.47		1009.78		929.23							
64	Chlorine		% wt		51.8		47.7		48.4		49.3							
65	Chlorine		g/hr		1150256.6		1060978.2		1086074.1		1099103							
66	Antimony		ppmw	nd	1.4	nd	1.5	nd	1.4		1.4							
67	Arsenic		ppmw	nd	0.12	nd	0.12	nd	0.12		0.12							
68	Barium		ppmw	nd	0.17	nd	0.18	nd	0.18		0.18							
69	Beryllium		ppmw	nd	0.01	nd	0.01	nd	0.01		0.01							
70	Cadmium		ppmw	nd	0.02	nd	0.02	nd	0.02		0.02							
71	Chromium		ppmw		1.3		1		0.95		1.1							
72	Chromium		g/hr										72.0		72.7		72.8	
73	Lead		ppmw	nd	1.5	nd	1.6	nd	1.6		1.6							
74	Mercury		ppmw	nd	0.05	nd	0.01	nd	0.01		0.02							
75	Silver		ppmw	nd	0.23	nd	0.24	nd	0.24		0.24							
76	Thallium		ppmw	nd	7.9	nd	8.2	nd	8.1		8.1							
77																		
78	Gas Flowrate		dscfm		8680		8948		8337		8655		8680		8948		8337	
79	Oxygen		%		6.8		6.7		5.8		6.4		6.8		6.7		5.8	
80	Thermal Feedrate		MMBtu/hr		46.8		46.9		43.4		45.3							
81																		
82	*Feedrate MTEC Calculations*																	
83	Ash		mg/dscm		60.90		55.90		65.70		61							
84	Chlorine		ug/dscm		76944399		68365154		70663707		71991087							
85	Antimony		ug/dscm	100	208.1	100	215.2	100	204.6	100	209							
86	Arsenic		ug/dscm	100	17.8	100	17.2	100	17.5	100	18							
87	Barium		ug/dscm	100	25.3	100	25.8	100	26.3	100	26							
88	Beryllium		ug/dscm	100	1.5	100	1.4	100	1.5	100	1							
89	Cadmium		ug/dscm	100	3.0	100	2.9	100	2.9	100	3							
90	Chromium		ug/dscm		193.3		143.5		138.8		159		4817.7		4683.4		4735.1	
91	Lead		ug/dscm	100	223.0	100	229.5	100	233.8	100	229							
92	Mercury		ug/dscm	100	7.4	100	1.4	100	1.5	100	3							
93	Silver		ug/dscm	100	34.2	100	34.4	100	35.1	100	35							
94	Thallium		ug/dscm	100	1174.5	100	1176.3	100	1183.6	100	1178							
95																		
96	SVM		ug/dscm	100	226.0	100	232.4	100	236.7	100	232							
97	LVM		ug/dscm	9	220.0	11	170.7	11	166.6	10	186		4817.7		4683.4		4735.1	
98																		
99																		
100	**853C12**				R1		R2		R3		Cond Avg		R1		R2		R3	
101																		
102	Feedstream Number				F1		F1		F1		F1		F2		F2		F2	
103	Feed Class				Liq HW		Liq HW		Liq HW		Liq HW		Total		Total		Total	
104	Feed Class 2				HW		HW		HW		HW		Total		Total		Total	
105	Feedstream Description				Liquid organic waste		Liquid organic waste		Liquid organic waste		Liquid organic waste		Total		Total		Total	
106	Feed Rate		g/hr		22225906		2216789		2236928		2200000							
107	Heat Content		Btu/lb		8640		8460		9660		8920							
108	Viscosity		cst	nd	6		6		6		6							
109	Ash		% wt		0.29		0.32		0.35		0.32							
110	Ash		g/hr		912.6		864.5		1006.6		927.9							
111	Chlorine		% wt		54.8		55.6		49.3		53.2							
112	Chlorine		g/hr		1153019.3		1057408.1		1082673.3		1097700.2							
113																		
114	Gas Flowrate		dscfm		8470		8528		8556		8518							
115	Oxygen		%		6.1		6.5		6.6		6.4							
116	Thermal Feedrate		MMBtu/hr		423.0		41.3		47.6		43.2		423.0		41.3		47.6	

	T	U	V	W	X	Y	Z	AA	AB
59									
60									
61									
62									
63									
64									
65									
66									
67									
68									
69									
70									
71									
72	72.5								
73									
74									
75									
76									
77									
78	8655								
79	6.4								
80			46.8		46.9		43.4		45.3
81									
82									
83			60.9		55.9		65.7		60.8
84			76944399.4		68365154.2		70663707.1		71991086.9
85		100	208.1	100	215.2	100	204.6	100	209.3
86		100	17.8	100	17.2	100	17.5	100	17.5
87		100	25.3	100	25.8	100	26.3	100	25.8
88		100	1.5	100	1.4	100	1.5	100	1.5
89		100	3.0	100	2.9	100	2.9	100	2.9
90	4739.6		5011.0		4826.9		4873.9		4903.9
91		100	223.0	100	229.5	100	233.8	100	228.8
92		100	7.4	100	1.4	100	1.5	100	3.4
93		100	34.2	100	34.4	100	35.1	100	34.6
94		100	1174.5	100	1176.3	100	1183.6	100	1178.1
95									
96		100	226.0	100	232.4	100	236.7	100	231.7
97	4739.6		5037.7		4854.2		4901.7		4931.2
98									
99									
100	Cond Avg								
101									
102	F2								
103	Total								
104	Total								
105	Total								
106									
107									
108									
109									
110									
111									
112									
113									
114									
115									
116	43.2								

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
117																		
118	*Feedrate MTEC Calculations*																	
119	Ash		mg/dscm		59.6		57.6		67.4		61.5		59.6		57.6		67.4	
120	Chlorine		ug/dscm		75328141		70504655		72452689		72775235		75328141		70504655		72452689	

	T	U	V	W	X	Y	Z	AA	AB
117									
118									
119	61.5								
120	72775235								

	A	B	C
1	**Process Information**		
2		Units	Cond Avg
3			
4	**853C11**		
5			
6	Combustion Temp	C	1450
7	Dynawave Scrubber		
8	pH		2.07
9	Blowdown/feed	gal/lb	0.117

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
1	**PCDD/PCDF**																	
2	N																	
3	Facility Name and ID:		DuPont LaPlace HAF															
4	Condition ID:		853C10															
5	Condition/Test Date:		Risk burn, normal operating cond, April 23, 1997															
6																		
7			I-TEF			Run 1					Run 2					Run 3		
8			Wght Fact		Total	TEQ	Total	TEQ		Total	TEQ	Total	TEQ		Total	TEQ	Total	TEQ
9					Full ND	Full ND	1/2 ND	1/2 ND		Full ND	Full ND	1/2 ND	1/2 ND		Full ND	Full ND	1/2 ND	1/2 ND
10	Detected in train (ng/dscm)																	
11		2,3,7,8-TCDD	1	nd	0.0070	0.0070	0.0035	0.0035	nd	0.005	0.0050	0.0025	0.0025	nd	0.007	0.0070	0.0035	0.0035
12		TCDD Other	0															
13		1,2,3,7,8-PCDD	0.5	nd	0.0440	0.0220	0.0220	0.0110	nd	0.012	0.0060	0.0060	0.0030	nd	0.01	0.0050	0.0050	0.0025
14		PCDD Other	0															
15		1,2,3,4,7,8-HxCDD	0.1	nd	0.0890	0.0089	0.0445	0.0045	nd	0.015	0.0015	0.0075	0.0008	nd	0.014	0.0014	0.0070	0.0007
16		1,2,3,6,7,8-HxCDD	0.1	nd	0.1160	0.0116	0.0580	0.0058	nd	0.012	0.0012	0.0060	0.0006	nd	0.012	0.0012	0.0060	0.0006
17		1,2,3,7,8,9-HxCDD	0.1	nd	0.2150	0.0215	0.1075	0.0108	nd	0.015	0.0015	0.0075	0.0008	nd	0.01	0.0010	0.0050	0.0005
18		HxCDD Other	0															
19		1,2,3,4,6,7,8-HpCDD	0.01	nd	0.7450	0.0075	0.3725	0.0037	nd	0.03	0.0003	0.0150	0.0002	nd	0.012	0.0001	0.0060	0.0001
20		HpCDD Other	0															
21		OCDD	0.001	nd	0.9690	0.0010	0.4845	0.0005		0.057	0.0001	0.0570	0.0001	nd	0.027	0.0000	0.0135	0.0000
22		2,3,7,8-TCDF	0.1	nd	0.0590	0.0059	0.0295	0.0030	nd	0.047	0.0047	0.0235	0.0024	nd	0.043	0.0043	0.0215	0.0022
23		TCDF Other	0															
24		1,2,3,7,8-PCDF	0.05	nd	0.0760	0.0038	0.0380	0.0019	nd	0.045	0.0023	0.0225	0.0011	nd	0.031	0.0016	0.0155	0.0008
25		2,3,4,7,8-PCDF	0.5	nd	0.1680	0.0840	0.0840	0.0420	nd	0.047	0.0235	0.0235	0.0118	nd	0.039	0.0195	0.0195	0.0098
26		PCDF Other	0															
27		1,2,3,4,7,8-HxCDF	0.1	nd	0.5200	0.0520	0.2600	0.0260		0.075	0.0075	0.0750	0.0075	nd	0.056	0.0056	0.0280	0.0028
28		1,2,3,6,7,8-HxCDF	0.1	nd	0.1870	0.0187	0.0935	0.0094		0.032	0.0032	0.0320	0.0032		0.019	0.0019	0.0190	0.0019
29		2,3,4,6,7,8-HxCDF	0.1	nd	0.3480	0.0348	0.1740	0.0174		0.032	0.0032	0.0320	0.0032	nd	0.024	0.0024	0.0120	0.0012
30		1,2,3,7,8,9-HxCDF	0.1	nd	0.0150	0.0015	0.0075	0.0008	nd	0.015	0.0015	0.0075	0.0008	nd	0.012	0.0012	0.0060	0.0006
31		HxCDF Other	0															
32		1,2,3,4,6,7,8-HpCDF	0.01	nd	0.8410	0.0084	0.4205	0.0042		0.045	0.0005	0.0450	0.0005	nd	0.019	0.0002	0.0095	0.0001
33		1,2,3,4,7,8,9-HpCDF	0.01	nd	0.0670	0.0007	0.0335	0.0003	nd	0.017	0.0002	0.0085	0.0001	nd	0.014	0.0001	0.0070	0.0001
34		HpCDF Other	0															
35		OCDF	0.001	nd	0.1950	0.0002	0.0975	0.0001	nd	0.035	0.0000	0.0175	0.0000	nd	0.019	0.0000	0.0095	0.0000
36																		
37		O2 (%)				4.50		4.50			4.60		4.60			4.30		4.30
38																		
39		PCDD/PCDF (ng/dscm @ 7% O2)		100.0		0.2455		0.1228	76.8		0.0530		0.0326	96.4		0.0441		0.0228
40																		
41		TEQ Cond Avg	0.059															