	B	C
1	**Source Description**	
2		
3	Phase II ID No.	2018
4	EPA ID No.	TXD008092793
5	Facility Name	Dow Chemical Company
6	Facility Location	
7	City	Freeport
8	State	TX
9	Unit ID Name/No.	Unit FTB-603
10	Other Sister Facilities	None
11	Number of Sister Facilities	0
12	Combustor Class	HCl Production Furnace
13	Combustor Type	
14	Combustor Characteristics	Firetube boiler made by Johnston Boiler Company, horizontal direct fired comb chamber by John Zink Company, 50.2 MMBtu/hr, operated @ 1700^{o}C
15	Capacity (MMBtu/hr)	50.2
16	Soot Blowing	None
17	APCS Detailed Acronym	WHB/VS/Q/HCLABS/VS/CLWS
18	APCS General Class	WHB, HEWS, LEWS, WQ
19	APCS Characteristics	(Venturi scrubber, quench, HCl absorber, venturi scrubber, chlorine scrubber) Chlorine scrubber uses inorganic reducing agent to capture chlorine
20	Hazardous Wastes	Liq
21	Haz Waste Description	Liquid wastes (PDC Heavies)
22	Supplemental Fuel	Natural gas
23		
24	Stack Characteristics	
25	Diameter (ft)	2.5
26	Height (ft)	85
27	Gas Velocity (ft/sec)	35.0
28	Gas Temperature (°F)	129.3
29		
30	Permitting Status	Tier I for all chlorine and all metals except Cr+6 (Tier III)
31	HWC Burn Status (Date if Terminated)	

	B	C
1	**Cond Description**	
2		
3	**2018C1**	
4		
5	Report Name/Date	FTB-603 Trial Burn Report and Risk Burn Report, June 30, 1998
6	Report Prepare	Focus Environmental
7	Testing Firm	METCO Environmental
8	Testing Dates	April 6, 1998
9	Cond Dates	Apr-98
10	Condition Descr	Trial burn, min comb temp, max stack gas flow rate
11	Content	CO, DRE of POHC (chlorobenzene)
12		
13	**2018C2**	
14		
15	Report Name/Date	FTB-603 Trial Burn Report and Risk Burn Report, June 30, 1998
16	Report Prepare	Focus Environmental
17	Testing Firm	METCO Environmental
18	Testing Dates	April 2-3, 1998
19	Cond Dates	Apr-98
20	Condition Descr	Risk burn, normal operating conditions
21	Content	PCDD/F, metals
22		
23	**2018C3**	
24		
25	Report Name/Date	FTB-603 Certificate of Compliance Burn, January 1997
26	Report Prepare	
27	Testing Firm	
28	Testing Dates	Jan 14-16, 1997
29	Cond Dates	Jan-97
30	Condition Descr	COC burn, max waste feed and production rate, max comb temp, min APCS
31	Content	PM, HCl/Cl2, Cr+6
32		
33	**2018C4**	
34		
35	Report Name/Date	FTB-603 Certificate of Compliance Burn, January 1997
36	Report Prepare	
37	Testing Firm	
38	Testing Dates	04-Feb-97
39	Cond Dates	Jan-97
40	Condition Descr	COC burn, min comb temp
41	Content	CO

	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1	**Stack Gas Emissions**													
2														
3		Comments	Units	7% O2										
4														
5														
6	**2018C1**	**Trial burn**				R1		R2		R3		Cond Avg		
7														
8	CO (MHRA)	E1	ppmv	y		54.9		57.6		44.8		52.5		
9	CO (RA)	E1	ppmv	y		42.8		46.3		33.1		40.7		
10														
11	POHC DRE	Chlorobenzene												
12	POHC Feedrate		lb/hr			45.04		44.99		45				
13	Emission Rate	E1	lb/hr		nd	3.00E-05	nd	3.00E-05	nd	3.00E-05				
14	DRE	E1	%		>	99.99993	>	99.99993	>	99.99993				
15														
16	Sampling Train	DRE	E1											
17	Stack Gas Flowrate		dscfm			10705		10705		10508		10639.3		
18	O2		%			12.4		13.6		12.8		12.9		
19	Moisture		%			16.07		15.65		16.54		16.1		
20	Temperature		°F			129		129		130		129.3		
21														
22	**2018C2**	**Risk Burn**				R1		R2		R3		Cond Avg		
23														
24	CO (MHRA)	E1	ppmv	y		22.98		97.67		19.8		46.8		
25	CO (RA)	E1	ppmv	y		18.74		31		18.16		22.6		
26	Antimony		µg/dscf		nd	0.02	nd	0.02	nd	0.02				
27	Arsenic		µg/dscf			0.00033		0.00083		0.0048				
28	Barium		µg/dscf			0		0		0				
29	Beryllium		µg/dscf			0.0006		0.00053		0.00058				
30	Cadmium		µg/dscf		nd	0.002	nd	0.003	nd	0.001				
31	Chromium		µg/dscf			0.01		0.0093		0.0086				
32	Cobalt		µg/dscf		nd	0.00	nd	0.003	nd	0.005				
33	Copper		µg/dscf			0.093		0.071		0.066				
34	Lead		µg/dscf		nd	0.02		0.02	nd	0.02				
35	Manganese		µg/dscf			0.37		0.34		0.47				
36	Mercury		µg/dscf		nd	0.003	nd	0.002	nd	0.001				
37	Molybdenum		µg/dscf		nd	0.070	nd	0.06	nd	0.07				
38	Nickel		µg/dscf		nd	0.01	nd	0.01	nd	0.01				
39	Selenium		µg/dscf		nd	0.006	nd	0.004	nd	0.004				
40	Silver		µg/dscf		nd	0.0008	nd	0.0008	nd	0.0008				
41	Thallium		µg/dscf		nd	0.006	nd	0.008	nd	0.006				
42	Vanadium		µg/dscf		nd	0.01	nd	0.005	nd	0.005				
43														
44	Sampling Train	Metals	E1											
45	Stack Gas Flowrate		dscfm			10324		10464		10159		10315.7		
46	O2		%											
47	Moisture		%											
48	Temperature		°F											
49														
50	Sampling Train	PCDD/F	E2											
51	Stack Gas Flowrate		dscfm			10200		10800		10300		10433.3		
52	O2		%			10.3		10.5		10.4		10.4		
53	Moisture		%											
54	Temperature		°F											
55														
56	Antimony	E1	µg/dscm	y	nd	0.92	nd	0.94	nd	0.93	100	0.93		
57	Arsenic	E1	µg/dscm	y		0.02		0.04		0.22		0.09		
58	Barium	E1	µg/dscm	y		0		0		0		0.00		
59	Beryllium	E1	µg/dscm	y		0.03		0.02		0.03		0.03		
60	Cadmium	E1	µg/dscm	y	nd	0.09	nd	0.14	nd	0.05	100	0.09		
61	Chromium	E1	µg/dscm	y		0.51		0.44		0.40		0.45		
62	Cobalt	E1	µg/dscm	y	nd	0.09	nd	0.14	nd	0.23	100	0.16		
63	Copper	E1	µg/dscm	y		4.30		3.35		3.08		3.58		
64	Lead	E1	µg/dscm	y	nd	0.92		0.94	nd	0.93	66	0.93		
65	Manganese	E1	µg/dscm	y		17.11		16.02		21.93		18.35		
66	Mercury	E1	µg/dscm	y	nd	0.14	nd	0.09	nd	0.05	100	0.09		
67	Molybdenum	E1	µg/dscm	y	nd	3.24	nd	2.83	nd	3.27	100	3.11		
68	Nickel	E1	µg/dscm	y	nd	0.46	nd	0.47	nd	0.47	100	0.47		
69	Selenium	E1	µg/dscm	y	nd	0.28	nd	0.19	nd	0.19	100	0.22		
70	Silver	E1	µg/dscm	y	nd	0.04	nd	0.04	nd	0.04	100	0.04		
71	Thallium	E1	µg/dscm	y	nd	0.28	nd	0.38	nd	0.28	100	0.31		

	B	C	D	E	F	G	H	I	J	K	L	M	N	O
72	Vanadium	E1	µg/dscm	y	nd	0.23	nd	0.24	nd	0.23	100	0.23		
73	SVM	E1	µg/dscm	y	100	1.02	13	1.08	100	0.98	69	1.03		
74	LVM	E1	µg/dscm	y		0.55		0.50		0.65		0.57		
75														
76														
77	**2018C3**	**CoC**				R1		R2		R3		Cond Avg		
78														
79	CO (RA)	E1	ppmv			14.84		13.06		13.5		13.8		
80	CO (MHRA)	E1	ppmv	y		15.84		15.56		16.2		15.9		
81	PM	E1	gr/dscf	y		0.006		0.002		0.006		0.005		
82	Chromium		g/hr			0.155		0.006		0.256		0.139		
83	HCl		g/hr			7.7		1.5		0.7		3.3		
84	Cl2		g/hr			6		3.7		1.5		4		
85														
86	HCl	E1	ppmv	y		0.40		0.08		0.04		0.17		
87	Cl2	E1	ppmv	y		0.16		0.10		0.04		0.10		
88	Total Cl	E1	ppmv	y		0.72		0.27		0.12		0.37		
89														
90	Chromium	E1	ug/dscm	y		12.29		0.48		20.30		11.02		
91	LVM	E1	ug/dscm	y		12.29		0.48		20.30		11.02		Cr only
92														
93	Sampling Train	Taken from o	E1	sampling train not in CoC; used avg from other conditions										
94	Stack Gas Flowrate		dscfm			10400.0		10400.0		10400.0		10400.0		
95	O2		%			11.0		11.0		11.0		11.0		
96														
97	**2018C4**					R1		R2		R3		Cond Avg		
98														
99	CO (RA)	E1	ppmv	y		29.1		29.7		27.4		28.7		
100	CO (MHRA)	E1	ppmv	y		33.4		30.7		29.3		31.1		

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
1	**Feedstreams**																								
2																									
3																									
4	**2018C1**	**Trial burn**			R1		R2		R3		Cond Avg		R1		R2		R3		Cond Avg		R1		R2		R3
5																									
6	Feedstream Number				F1		F1		F1		F1		F2		F2		F2		F2		F3		F3		F3
7	Feed Class				Liq HW		Liq HW		Liq HW		Liq HW		Misc. Fuel		Misc. Fuel		Misc. Fuel		Misc. Fuel		NG		NG		NG
8	Feed Class 2				HW		HW		HW		HW		MF		MF		MF		MF						
9	Feedstream Description				PDC Heavies		PDC Heavies		PDC Heavies		PDC Heavies		Vapor		Vapor		Vapor		Vapor		Natural Gas		Natural Gas		Natural Gas
10	Feed Rate		lb/hr		2080		2193		2290		2,142		305.0		305.0		305.0		305.0		76.9		76.9		76.9
11	Thermal Feedrate		MMBtu/hr		22.1		23.3		24.4		23.0														
12	Viscosity		cps		0.2		0.2		0.2		0.20														
13	Heating Value		Btu/lb		10630		10640		10670		10646.7														
14	Density		lb/gal		7.5		7.5		7.4		7.5														
15	Ash		lb/hr		0.058		0.018		0.039		0.04														
16	Chlorine		lb/hr		894		923		987		915.0		24		24		24		24						
17																									
18	Stack Gas Flowrate		dscfm		10705		10705		10508		10639.3														
19	Oxygen		%		12.4		13.6		12.8		12.9														
20																									
21	Estimated Firing Rate		MMBtu/hr																						
22																									
23	*Feedrate MTEC Calculations*																								
24	Ash		mg/dscm		2.36		0.85		1.69		1.67														
25	Chlorine		ug/dscm		36349513		43614361		42877498		39907890		975826		1134068		1042614		1046764						
26																									
27	**2018C2**	**Risk burn**			R1		R2		R3		Cond Avg		R1		R2		R3		Cond Avg		R1		R2		R3
28																									
29	Feedstream Number				F1		F1		F1		F1		F2		F2		F2		F2		F3		F3		F3
30	Feed Class				Liq HW		Liq HW		Liq HW		Liq HW		Misc. Fuel		Misc. Fuel		Misc. Fuel		Misc. Fuel		NG		NG		NG
31	Feed Class 2				HW		HW		HW		HW		MF		MF		MF		MF						
32	Feedstream Description				PDC Heavies		PDC Heavies		PDC Heavies		PDC Heavies		Vapor		Vapor		Vapor		Vapor		Natural Gas		Natural Gas		Natural Gas
33	Feed Rate		lb/hr		3705		3685		3642		3678.0		282.0		282.0		282.0		282.0		70.8		70.8		70.8
34	Thermal Feedrate		MMBtu/hr		34.8		35.2		34.7		38.4														
35	Viscosity		cps		0.5		0.5		0.3		0.4														
36	Heating Value		Btu/lb		9380		9560		9520		9487														
37	Density		lb/gal		8.3		8.3		8.2		8.3														
38	Ash		lb/hr		0.25		0.19		0.21		0.2														
39	Chlorine		lb/hr		1800		1600		1600		1635.0		21.0		21.0		21.0		21.0						
40	Antimony		g/hr		0.06	nd	0.04		0.29		0.13														
41	Arsenic		g/hr	nd	0.05	nd	0.05	nd	0.05		0.0500														
42	Barium		g/hr		0.051		0.016		0.0065		0.0245														
43	Beryllium		g/hr	nd	0.005	nd	0.005	nd	0.005		0.005														
44	Cadmium		g/hr	nd	0.03	nd	0.03	nd	0.03		0.03														
45	Chromium		g/hr		0.17		0.074		0.06		0.10														
46	Lead		g/hr		0.07	nd	0.06		0.21		0.10														
47	Mercury		g/hr	nd	0.1	nd	0.08	nd	0.1		0.09														
48	Nickel		g/hr		0.27	nd	0.2	nd	0.2		0.14														
49	Selenium		g/hr	nd	0.07	nd	0.07	nd	0.07		0.070														
50	Silver		g/hr	nd	0.009	nd	0.009	nd	0.009		0.0090														
51	Thallium		g/hr		0.077		0.2		0.14		0.139														
52	Zinc		g/hr		17		18		4.7		13.23														
53																									
54	Stack Gas Flowrate		dscfm		10324.0		10464.0		10159.0		10315.7		10324.0		10464.0		10159.0		10315.7						
55	Oxygen		%		10.3		10.5		10.4		10.4		10.3		10.5		10.4		10.4						
56																									
57	Estimated Firing Rate		MMBtu/hr																						
58																									
59	*Feedrate MTEC Calculations*																								
60	Ash		mg/dscm		8.5		6.5		7.3		7.4														

	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR
1																		
2																		
3																		
4		Cond Avg		R1		R2		R3		Cond Avg		R1		R2		R3		Cond Avg
5																		
6		F3		F4		F4		F4		F4		F5		F5		F5		F5
7		NG		Spike		Spike		Spike		Spike		Total		Total		Total		Total
8				Spike		Spike		Spike		Spike		Total		Total		Total		Total
9		Natural Gas		Spike		Spike		Spike		Spike		Total		Total		Total		Total
10		76.9		45		45		45		45								
11												22.1		23.3		24.4		23
12																		
13																		
14																		
15																		
16				14		14		14		14								
17																		
18																		
19																		
20																		
21												29.2		25.1		27.4		27.2
22																		
23																		
24												2.4		0.9		1.7		1.7
25				569232		661540		608191		610613		36918744.9		44275900.4		43485689.8		40518502.8
26																		
27		Cond Avg		R1		R2		R3		Cond Avg								
28																		
29		F3		F4		F4		F4		F4								
30		NG		Total		Total		Total		Total								
31				Total		Total		Total		Total								
32		Natural Gas		Total		Total		Total		Total								
33		70.8																
34				34.8		35.2		34.7		38.4								
35																		
36																		
37																		
38																		
39																		
40																		
41																		
42																		
43																		
44																		
45																		
46																		
47																		
48																		
49																		
50																		
51																		
52																		
53																		
54																		
55																		
56																		
57										34.7								
58																		
59																		
60				8.5		6.5		7.3		7.4								

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
61	Chlorine		ug/dscm		60993975		54510373		55617231		55970707		711596		715449		729976		718890						
62	Antimony		ug/dscm		4.5		3.0		22.2		9.8														
63	Arsenic		ug/dscm	100	3.7	100	3.8	100	3.8	100	3.8														
64	Barium		ug/dscm		3.8		1.2		0.5		1.8														
65	Beryllium		ug/dscm	100	0.4	100	0.4	100	0.4	100	0.4														
66	Cadmium		ug/dscm	100	2.2	100	2.3	100	2.3	100	2.3														
67	Chromium		ug/dscm		12.7		5.6		4.6		7.6														
68	Lead		ug/dscm		5.2		4.5		16.1		7.8														
69	Mercury		ug/dscm	100	7.5	100	6.0	100	7.7	100	7.0														
70	Nickel		ug/dscm		20.2		15.0		15.3		10.3														
71	Selenium		ug/dscm	100	5.2	100	5.3	100	5.4	100	5.3														
72	Silver		ug/dscm	100	0.7	100	0.7	100	0.7	100	0.7														
73	Thallium		ug/dscm		5.7		15.0		10.7		10.5														
74	Zinc		ug/dscm		1268.8		1350.8		359.9		997.8														
75	SVM		ug/dscm	30	7.5	33.3	6.8	13	18.4	23	10.1														
76	LVM		ug/dscm	24	16.8	42.6	9.7	48	8.8	35	11.8														
77																									
78																									
79	**2018C3**	**Trial burn**			R1		R2		R3		Cond Avg		R1		R2		R3		Cond Avg		R1		R2		R3
80																									
81	Feedstream Number				F1		F1		F1		F1		F2		F2		F2		F2		F3		F3		F3
82	Feed Class				Liq HW		Liq HW		Liq HW		Liq HW		Misc. Fuel		Misc. Fuel		Misc. Fuel		Misc. Fuel		NG		NG		NG
83	Feed Class 2				HW		HW		HW		HW										MF		MF		MF
84	Feedstream Description				Pumpable liq		Pumpable liq		Pumpable liq		Pumpable liq		Vapor		Vapor		Vapor		Vapor		Fuel gas		Fuel gas		Fuel gas
85	Feed Rate		lb/hr		5200		5242		5154												73.75		77.33		77
86	Thermal Feedrate		MMBtu/hr		44.3		44.6		42.4		43.8										1.7		1.8		1.77
87	Ash		lb/hr		0.052		0.0786		0.0156																
88	Chlorine		lb/hr		2600		2517		2579																
89	Chromium		lb/hr		6.60E-05		5.03E-05		5.31E-05																
90																									
91	Stack Gas Flowrate		dscfm		10400		10400		10400		10400		10400		10400		10400		10400		10400		10400		10400
92	Oxygen		%		11		11		11		11		11		11		11		11		11		11		11
93																									
94	*Feedrate MTEC Calculations*																								
95	Ash		mg/dscm		1.87		2.83		0.56		1.75														
96	Chlorine		ug/dscm		93580683		90593300		92824839		92332940.71														
97	Chromium		ug/dscm		2.4		1.8		1.9		2.03														

	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR
61				61705570.9		55225821.8		56347206.7		56689597.0								
62				4.5		3.0		22.2		9.8								
63			100	3.7	100	3.8	100	3.8	100	3.8								
64				3.8		1.2		0.5		1.8								
65			100	0.4	100	0.4	100	0.4	100	0.4								
66			100	2.2	100	2.3	100	2.3	100	2.3								
67				12.7		5.6		4.6		7.6								
68				5.2		4.5		16.1		7.8								
69			100	7.5	100	6.0	100	7.7	100	7.0								
70				20.2		15.0		15.3		10.3								
71			100	5.2	100	5.3	100	5.4	100	5.3								
72			100	0.7	100	0.7	100	0.7	100	0.7								
73				5.7		15.0		10.7		10.5								
74				1268.8		1350.8		359.9		997.8								
75			30	7.5	33	6.8	12.5	18.4	22.5	10.1								
76			24.4	16.8	43	9.7	47.8	8.8	35.2	11.8								
77																		
78																		
79		Cond Avg		R1		R2		R3		Cond Avg		R1		R2		R3		Cond Avg
80																		
81		F3		F4		F4		F4		F4		F5		F5		F5		F5
82		NG		Spike		Spike		Spike		Spike		Total		Total		Total		Total
83		MF		Spike		Spike		Spike		Spike		Total		Total		Total		Total
84		Fuel gas		Spike		Spike		Spike		Spike		Total		Total		Total		Total
85				12.8		11.5		13.5										
86		1.756666667		0		0		0				46		46.4		44.17		45.52
87				1.28		1.15		1.35										
88																		
89				0.0649		0.0575		0.0675										
90																		
91		10400		10400		10400		10400		10400		10400		10400		10400		10400
92		11		11		11		11		11		11		11		11		11
93																		
94																		
95				46.07		41.39		48.59		45.35		47.9		44.2		49.2		47.1
96				0		0		0		0.00		93580683		90593300		92824839		92332941
97				2335.9		2069.6		2429.5		2278.33		2338		2071		2431		2280

	A	B	C
1	**Process Information**		
2			
3			Cond Avg
4			
5	**2018C1**	Trial burn	
6			
7	Comb Temp	^{o}F	1805
8	Prod. Rate	Mlb/hr	19.5
9	Ejector Venturi Pressure	psig	50.7
10	T-609 Scrubber		
11	Effluent pH	pH	9.1
12	Blowdown Flow	gpm	60
13	L/G	gal/Macf	15.3
14			
15	**2018C2**	Risk burn	Cond Avg
16			
17	Comb Temp	^{o}F	2606
18	Prod Rate	Mlb/hr	29.2
19	Ejector Venturi Pressure	psig	50.5
20	T-609 Scrubber		
21	Effluent pH	pH	8.87
22	Blowdown Flow	gpm	60
23	L/G	gal/Macf	15.1
24			
25	**2018C3**	CoC	Cond Avg
26			
27	Comb Temp	^{o}F	2670
28	Prod Rate Steam	Mlb/day	798
29	Ejector Venturi Pressure	psig	36.6
30	T-609 Scrubber		
31	Effluent pH	pH	8.3
32	Blowdown Flow	gpm	34.4
33	L/G	gal/Macf	10.75

	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:		Dow Chemical Company, Freeport TX															
4	Condition ID:		2018C2															
5	Condition/Test Date:		Risk burn, normal operating condition, April 2-3, 1998															
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	1/2 ND	1/2 ND	1/2 ND		Full ND	1/2 ND	1/2 ND	1/2 ND		Full ND	1/2 ND	1/2 ND	1/2 ND
10	Detected in sample volume (pg)																	
11		2,3,7,8-TCDD	1		11	11	11	11		12	12	12	12		8	8.00	8	8.00
12		Total TCDD	0		38	0	38	0		17	0	17	0		100	0	100	0
13		1,2,3,7,8-PCDD	0.5		18	9	18	9		15	8	15	8		16	8	16	8
14		Total PCDD	0		50	0	50	0		27	0	27	0		30	0	30	0
15		1,2,3,4,7,8-HxCDD	0.1		44	4	44	4		34	3	34	3		36	4	36	4
16		1,2,3,6,7,8-HxCDD	0.1		42	4	42	4		34	3	34	3		35	4	35	4
17		1,2,3,7,8,9-HxCDD	0.1		22	2	22	2		16	2	16	2		16	2	16	2
18		Total HxCDD	0		240	0	240	0		160	0	160	0		170	0	170	0
19		1,2,3,4,6,7,8-HpCDD	0.01		380	4	380	4		260	3	260	3		280	3	280	3
20		Total HpCDD	0		580	0	580	0		370	0	370	0		390	0	390	0
21		OCDD	0.001		3200	3	3200	3		2500	3	2500	3		2400	2	2400	2
22		2,3,7,8-TCDF	0.1		1100	110	1100	110		1200	120	1200	120		730	73	730	73
23		Total TCDF	0		3400	0	3400	0		4700	0	4700	0		2600	0	2600	0
24		1,2,3,7,8-PCDF	0.05		1800	90	1800	90		2300	115	2300	115		1500	75	1500	75
25		2,3,4,7,8-PCDF	0.5		1100	550	1100	550		1300	650	1300	650		890	445	890	445
26		Total PCDF	0		5200	0	5200	0		6100	0	6100	0		4100	0	4100	0
27		1,2,3,4,7,8-HxCDF	0.1		3500	350	3500	350		3400	340	3400	340		2800	280	2800	280
28		1,2,3,6,7,8-HxCDF	0.1		1300	130	1300	130		1200	120	1200	120		1000	100	1000	100
29		2,3,4,6,7,8-HxCDF	0.1		850	85	850	85		780	78	780	78		660	66	660	66
30		1,2,3,7,8,9-HxCDF	0.1		930	93	930	93		960	96	960	96		760	76	760	76
31		Total HxCDF	0		10000	0	10000	0		8900	0	8900	0		7700	0	7700	0
32		1,2,3,4,6,7,8-HpCDF	0.01		20000	200	20000	200		13000	130	13000	130		15000	150	15000	150
33		1,2,3,4,7,8,9-HpCDF	0.01		3900	39	3900	39		3000	30	3000	30		2600	26	2600	26
34		Total HCDF	0		32000	0	32000	0		22000	0	22000	0		23000	0	23000	0
35		OCDF	0.001		140000	140	140000	140		130000	130	130000	130		110000	110	110000	110
36																		
37		Gas sample volume (dscf)				146.75	146.75	146.75			153.77	153.77	153.77			146.8	146.8	146.8
38		O2 (%)				10.30	10.30	10.30			10.5	10.5	10.5			10.4	10.4	10.4
39																		
40		PCDD/PCDF (pg in sample)				1824.80	194708.0	1824.80			1842.0	174774.0	1842.0			1430.90	150490.0	1430.90
41		PCDD/PCDF (ng/dscm @ 7% O2)		0.0		0.57	61.34	0.57	0.0		0.56	53.55	0.56	0.0		0.45	47.84	0.45
42																		
43		TEQ Cond Avg	0.53															
44		Total Cond Avg	54.2															