

US EPA ARCHIVE DOCUMENT

	B	C
1	Source Description	
2		
3	Phase I ID No.	222
4	EPA ID No.	OHD980613541
5	Facility Name	WTI
6	Facility Location	
7	City	East Liverpool
8	State	OH
9	Unit ID Name/No.	Rotary Kiln Incineration System
10	Other Sister Facilities	
11	Number of Sister Facilities	0
12	Combustor Class	Commercial incinerator
13	Combustor Type	Rotary kiln
14	Combustor Characteristics	Rotary Kiln, Secondary Combustion Chamber, Waste Heat Boiler. 5 steam atomized liquid waste nozzles on front kiln wall
15	Capacity (MMBtu/hr)	120
16	Soot Blowing	
17	APCS Detailed Acronym	WHB/SD/CI/ESP/Q/PBS
18	APCS General Class	WHB, CI, ESP, LEWS
19	APCS Characteristics	Waste Heat Boiler/Spray Dryer/Carbon Injection/3-field dry Electrostatic Precipitator with electric impulse rapping/Quench/2-section Packed Bed Scrubber with venturi and mist eliminators. ESP: Environmental Elements, 750 mADC secondary current, rigid electrode design, automatic controller for spark rate or secondary volatage limit, sized for a dust loading of 12.2 gr/dscf. Packed bed scrubber and venturi Ring Jet, dp 28 in H2O. Carbon injection
20	Hazardous Wastes	Liq, solid, sludge
21	Haz Waste Description	High Btu and Organic Lance Fed Wastes (Aqueous, Sludge and Slurry Lance Fed Wastes not burned in this test), Drum Wastes, Crane Fed Bulk Wastes; Bulk and containerized solids, pumpable liquids/sludges
22	Supplemental Fuel	
23		
24	Stack Characteristics	
25	Diameter (ft)	6.00
26	Height (ft)	178
27	Gas Velocity (ft/sec)	51.7
28	Gas Temperature (°F)	200
29		
30	Permitting Status	
31	HWC Burn Status (Date if Terminated)	

	B	C
1	Condition Description	
2		
3	222C10	
4		
5	Report Name/Date	1997 Annual Performance Test Emission Results
6	Report Prepare	Waste Technologies Industries
7	Testing Firm	ENSR Corp.
8	Testing Dates	July 14-16, 1997
9	Cond Dates	Jul-97
10	Condition Descr	1997 Annual Performance Test
11	Content	PCDD/PCDF,PM,HCl,DRE (TCE-spiked),Metals(not spiked)
12		
13	222C11	
14		
15	Report Name/Date	1998 Annual Performance Test Emission Results
16	Report Prepare	Von Roll America, Inc.
17	Testing Firm	ENSR Corp.
18	Testing Dates	November 16-18, 1998
19	Cond Dates	Nov-98
20	Condition Descr	1998 Annual Performance Test
21	Content	PCDD/PCDF,PM,HCl,DRE (MCB-spiked),Metals(not spiked?)
22		
23	222C12	
24		
25	Report Name/Date	1999 Annual Performance Test Emission Results
26	Report Prepare	Von Roll America, Inc.
27	Testing Firm	ENSR Corp.
28	Testing Dates	November 15-16, 1999
29	Cond Dates	Nov-99
30	Condition Descr	1999 Annual Performance Test
31	Content	PCDD/PCDF,PM,HCl,DRE (TCE-spiked),Metals(not spiked?)
32		
33	222C13	
34		
35	Report Name/Date	CY 2000 Annual Performance Test Emission Results
36	Report Prepare	Von Roll America, Inc.
37	Testing Firm	ENSR Corp.
38	Testing Dates	November 13-17, 2000
39	Cond Dates	Nov-00
40	Condition Descr	2000 Annual Performance Test
41	Content	PCDD/PCDF,PM,HCl,DRE (MCB-spiked),Metals(not spiked?),SVOCs
42		
43	222C1	
44		
45	Report Name/Date	Final Trial Burn Report for the Rotary Kiln Incinerator, Waste Technologies Industries, East Liverpool, Ohio, Prepared by ENSR, Document Number 7136-001-800, May 1993
46	Report Prepare	WTI
47	Testing Firm	ENSR
48	Cond Descr	MAX FEED METALS,CL2,SCC TEMP,KILN AQUEOUS, NO CARBON INJ
49	Testing Dates	March 10-11, 1993
50	Cond Dates	May-93
51		
52	222C2	
53		
54	Report Name/Date	Final Trial Burn Report for the Rotary Kiln Incinerator, Waste Technologies Industries, East Liverpool, Ohio, Prepared by ENSR, Document Number 7136-001-800, May 1993
55	Report Prepare	WTI
56	Testing Firm	ENSR
57	Cond Descr	MAX FEED SLUDGE,SCC AQ.LIQ, NO CARBON INJECTION
58	Testing Dates	March 12-13, 1993
59	Cond Dates	May-93
60		
61	222C3	
62		
63	Report Name/Date	Final Trial Burn Report for the Rotary Kiln Incinerator, Waste Technologies Industries, East Liverpool, Ohio, Prepared by ENSR, Document Number 7136-001-800, May 1993
64	Report Prepare	WTI
65	Testing Firm	ENSR
66	Cond Descr	MAX FEED SOLIDS, MIN SCC TEMP., NO CARBON INJECTION
67	Testing Dates	March 17-30, 1993

	B	C
68	Cond Dates	May-93
69		
70	222C4	
71		
72	Report Name/Date	Preliminary Testing Results for the Enhanced Carbon Injection System, July 30, 1993
73	Report Prepare	
74	Testing Firm	
75	Cond Descr	RE-TEST PCDD/PCDF/ CARBON INJECTION
76	Testing Dates	July 23-24, 1993
77	Cond Dates	Jul-93
78		
79	222C5	
80		
81	Report Name/Date	Demonstration of Carbon Injection Testing System, Provided by Region 5 EPA, February 1994
82	Report Prepare	
83	Testing Firm	
84	Cond Descr	?/ CARBON INJECTION
85	Testing Dates	February 15-18, 1994
86	Cond Dates	Feb-94
87		
88	222C6	
89		
90	Report Name/Date	Final Trial Burn Report for Condition 2, Waste Technologies Industries, East Liverpool, Ohio, Prepared by ENSR, Document Number 7136-071-400, April 1994
91	Report Prepare	WTI
92	Testing Firm	ENSR
93	Cond Descr	MAX WASTE/ASH FEED, CARBON INJECTION
94	Testing Dates	February 24-26, 1994
95	Cond Dates	Apr-94
96		
97	222C7	
98		
99	Report Name/Date	April 1994 Quarterly Test Emission Results for PCDDs/PCDFs and Particulate Matter, Waste Technologies Industries, E. Liverpool, Ohio, Prepared by ENSR Consulting and Engineering, Project # 7136-009-400, May 1994
100	Report Prepare	Waste Technologies Industries
101	Testing Firm	ENSR Corp.
102	Cond Descr	?/CARBON INJECTION
103	Testing Dates	April 25-28, 1994
104	Cond Dates	May-94
105		
106	222C8	
107		
108	Report Name/Date	Quarterly Test Emission Results for Lead and Particulate Matter, Waste Technologies Industries, E. Liverpool, Ohio, Prepared by ENSR Consulting and Engineering, Project # 7136-009-400, June 1994
109	Report Prepare	Waste Technologies Industries
110	Testing Firm	ENSR Corp.
111	Cond Descr	QUARTERLY EMISSION TEST FOR PM AND PB, CARBON INJECTION
112	Testing Dates	4/28/94
113	Cond Dates	Jun-94
114		
115	222C9	
116		
117	Report Name/Date	Quarterly Test Emission Results for Lead and Particulate Matter, Waste Technologies Industries, E. Liverpool, Ohio, Prepared by ENSR Consulting and Engineering, Project # 7136-012-400, September 1994
118	Report Prepare	Waste Technologies Industries
119	Testing Firm	ENSR Corp.
120	Cond Descr	QUARTERLY EMISSION TEST FOR PM AND PB, CARBON INJECTION
121	Testing Dates	September 1, 1994
122	Cond Dates	Sep-94
123		
124	222B1	
125		
126	Report Name/Date	April 1994 Quarterly Test Emission Results for Lead and Particulate Matter, Waste Technologies Industries, E. Liverpool, Ohio, Prepared by ENSR Consulting and Engineering, Project # 7136-014-400, January 1995
127	Report Prepare	Waste Technologies Industries

	B	C
128	Testing Firm	ENSR Corp.
129	Cond Descr	QUARTERLY EMISSION TEST FOR PB AND PM, CARBON INJECTION
130	Testing Dates	December 15, 1994
131	Cond Dates	Dec-94
132		
133	222B2	
134		
	Report Name/Date	Quarterly Test Emission Results for Lead and Particulate Matter, Waste Technologies Industries, E. Liverpool, Ohio, Prepared by ENSR Consulting and Engineering, Project # 7136-015-400, March 1995
135		
136	Report Prepare	Waste Technologies Industries
137	Testing Firm	ENSR Corp.
138	Cond Descr	QUARTERLY EMISSION TEST FOR PB AND PM, CARBON INJECTION
139	Testing Dates	February 14, 1995
140	Cond Dates	Feb-95
141		
142	222B3	
143		
	Report Name/Date	1995 Annual Performance Test Emission Results, Waste Technologies Industries, E. Liverpool, Ohio, Prepared by ENSR Consulting and Engineering, Project # 7136-017-400, November 1995
144		
145	Report Prepare	Waste Technologies Industries
146	Testing Firm	ENSR Corp.
147	Cond Descr	ANNUAL PERFORMANCE TEST, NORM WASTE FEED, CARBON INJECTION
148	Testing Dates	September 11-14, 1995
149	Cond Dates	Sep-95
150		
151	222B4	
152		
	Report Name/Date	Quarterly Test Emission Results, Waste Technologies Industries, E. Liverpool, Ohio, Prepared by ENSR Consulting and Engineering, August 1994
153		
154	Report Prepare	Waste Technologies Industries
155	Testing Firm	ENSR Corp.
156	Cond Descr	QUARTERLY COMPLIANCE, NORMAL CONDITIONS, CARBON INJECTION
157	Testing Dates	August 1, 1994
158	Cond Dates	Aug-94
159		
160	222B5	
161		
	Report Name/Date	Quarterly Test Emission Results, Waste Technologies Industries, E. Liverpool, Ohio, Prepared by ENSR Consulting and Engineering, December 1994
162		
163	Report Prepare	Waste Technologies Industries
164	Testing Firm	ENSR Corp.
165	Cond Descr	QUARTERLY COMPLIANCE, NORMAL CONDITIONS, CARBON INJECTION
166	Testing Dates	1-Dec-94
167	Cond Dates	Dec-94
168		
169	222B6	
170		
	Report Name/Date	Mercury Removal Efficiency Stack Testing Report, WTI Facility, East Liverpool, Ohio, December 2, 1993
171		
172	Report Prepare	WTI
173	Testing Firm	
174	Cond Descr	HG STACK TESTING W/ ENHANCED CARBON INJECTION SYSTEM
175	Testing Dates	October 6-7, 1993
176	Cond Dates	Oct-93

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
1	Stack Gas Emissions 1																		
2																			
3	Commer Units 7% O2																		
4																			
5																			
6	10	222C10	1997 Performance Test				R1		R2		R3		R4		R5		R6		Cond Avg
7																			
8	CO (RA)				ppmv														
9	CO (MHRA)				ppmv														
10																			
11	PM	E1	gr/dscf	y		0.007		0.011		0.005		0.004		0.004					0.006
12																			
13	HCl		lb/hr		nd	0.0048	nd	0.0048	nd	0.0043	nd	0.0047	nd	0.0046	nd	0.0048			0.0046
14	Cl2		lb/hr																
15																			
16	HCl	E1	ppmv	y	nd	0.03	nd	0.04	nd	0.03	nd	0.03	nd	0.03	nd	0.03	100		0.03
17																			
18																			
19																			
20	POHC	Trichloroethylene																	
21	POHC Feedrate		lb/hr			299.8		299.9		299.9									299.88
22	Emission Rate	E3	lb/hr			1.15E-04		2.05E-04		1.41E-04									1.53E-04
23	DRE	E3	%			99.99996		99.99993		99.99995									99.99995
24																			
25	Arsenic		lb/hr			9.43E-05		5.64E-05		4.59E-05									6.55E-05
26	Beryllium		lb/hr		nd	9.43E-06	nd	9.39E-06	nd	9.17E-06									9.33E-06
27	Cadmium		lb/hr			8.39E-05		1.26E-04		6.61E-05									9.20E-05
28	Chromium		lb/hr		nd	4.43E-04		1.13E-04	nd	3.58E-04									3.05E-04
29	Lead		lb/hr			1.01E-03		3.48E-04		1.74E-04									5.11E-04
30	Mercury		lb/hr			3.31E-03		3.10E-03		1.47E-03									2.63E-03
31	Nickel		lb/hr			4.81E-04		1.97E-04		1.01E-04									2.60E-04
32																			
33	Sampling Train	PM, HCl E1																	
34	Stack Gas Flowrate		dscfm			53618		51746		50534		52469		51695		51837			51983
35	O2		%			14.1		14.6		14.5		13.9		13.6		13.6			14.03
36	Moisture		%			26.7		26.3		25		27.7		27.9		27.9			26.92
37	Temperature		°F			200		201		202		201		201		201			201.0
38																			
39	Sampling Train	Metals E2																	
40	Stack Gas Flowrate		dscfm			51258		51064		50355									50892
41	O2		%			14.6		13.8		13.6									14.0
42	Moisture		%			26.6		28		28.5									27.7
43	Temperature		°F			200		200		201									200
44																			
45	Sampling Train	PCDD/P E3																	
46	Stack Gas Flowrate		dscfm			51321		51435		51935		50577		49786					51011
47	O2		%			14.31		13.78		13.55		13.70		13.30					13.73
48	Moisture		%			25.6		27.3		27.7		27.7		29.1					27.5
49	Temperature		°F																
50																			
51																			
52	Arsenic	E2	ug/dscm	y		1.1		0.6		0.5									0.7
53	Beryllium	E2	ug/dscm	y	nd	0.1	nd	0.1	nd	0.1								100	0.1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	
54		Cadmium	E2	ug/dscm	y		1.0		1.3		0.7								1.0	
55		Chromium	E2	ug/dscm	y	nd	5.0		1.1	nd	3.6						88.3		3.3	
56		Lead	E2	ug/dscm	y		11.5		3.5		1.8								5.6	
57		Mercury	E2	ug/dscm	y		37.6		31.4		14.8								28.0	
58		Nickel	E2	ug/dscm	y		5.5		2.0		1.0								2.8	
59		SVM	E2	ug/dscm	y		12.4		4.8		2.4								6.6	
60		LVM	E2	ug/dscm	y	82.8	6.2	5.3	1.8	89	4.2						73.3		4.1	
61																				
62																				
63	11	222C11					1998 Performance Test		R1		R2		R3		R4		R5		R6	Cond Avg
64																				
65		CO (RA)					Not repo		ppmv											
66		CO (MHRA)					Not repo		ppmv											
67																				
68		PM	E1	gr/dscf	y		0.004		0.002		0.002		0.003		0.003				0.003	
69																				
70		HCl		lb/hr		nd	0.6278	nd	0.6495	nd	0.5965								0.6246	
71		Cl2		Not Rep																
72																				
73		HCl	E2	ppmv	y	nd	4.29	nd	4.55	nd	4.30						100		4.38	
74																				
75																				
76																				
77		POHC		Monochlorobenzene																
78		POHC Feedrate		lb/hr			963.0		1,042.7		1,030.0								1011.89	
79		Emission Rate	E4	lb/hr		<	2.33E-04	<	2.25E-04	<	2.32E-04								2.30E-04	
80		DRE	E4	%		<	99.99998	<	99.99998	<	99.99998								99.99998	
81																				
82		Arsenic		lb/hr			7.08E-05		8.26E-05		1.10E-04								8.78E-05	
83		Beryllium		lb/hr		nd	7.95E-06	nd	7.51E-06	nd	7.33E-06								7.60E-06	
84		Cadmium		lb/hr			1.67E-04		3.00E-04		5.50E-04								3.39E-04	
85		Chromium		lb/hr			4.93E-04		5.71E-04		3.01E-04								4.55E-04	
86		Lead		lb/hr			1.37E-03		1.45E-03		1.41E-03								1.41E-03	
87		Mercury		lb/hr			1.82E-02		5.64E-03		6.00E-03								9.95E-03	
88		Nickel		lb/hr			3.10E-04		4.43E-04		1.17E-04								2.90E-04	
89																				
90		Sampling Train	PM	E1																
91		Stack Gas Flowrate		dscfm			51629		50403		51962		52565		50531				51418	
92		O2		%			14.0		14.0		14.4		14.4		14.1				14.18	
93		Moisture		%			25.2		25.3		26		27.1		27				26.12	
94		Temperature		°F			198		198		197		196		196				197.0	
95																				
96		Sampling Train	HCl	E2																
97		Stack Gas Flowrate		dscfm			51629		50403		51962								51331	
98		O2		%			14.0		14.0		14.4		14.4		14.1				14.13	
99		Moisture		%			25.2		25.3		26		27.1		27				25.50	
100		Temperature		°F			198		198		197		196		196				197.7	
101																				
102		Sampling Train	Metals	E3																
103		Stack Gas Flowrate		dscfm			49341		50181		50380								49967	
104		O2		%			14.0		14.4		14.1		14.1		14.2				14.2	
105		Moisture		%			25.8		26.5		26.9		26.9		26.4				26.4	
106		Temperature		°F			198		197		195		195		197				197	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
107																			
108		Sampling Train	PCDD/P 4																
109		Stack Gas Flowrate	dscfm				51649		49574		50285		51336		51357				50840
110		O2	%				14.00		14.40		14.10		14.00		14.20				14.14
111		Moisture	%				25.7		27.1		26.6		25.6		27.2				26.4
112		Temperature	Not Rep ^o F																
113																			
114																			
115		Arsenic	E3 ug/dscm	y			0.8		0.9		1.2								1.0
116		Beryllium	E3 ug/dscm	y		nd	0.1	nd	0.1	nd	0.1						100		0.1
117		Cadmium	E3 ug/dscm	y			1.8		3.4		5.9								3.7
118		Chromium	E3 ug/dscm	y			5.3		6.4		3.2								5.0
119		Lead	E3 ug/dscm	y			14.8		16.4		15.2								15.5
120		Mercury	E3 ug/dscm	y			197.1		63.7		64.6								108.5
121		Nickel	E3 ug/dscm	y			3.4		5.0		1.3								3.2
122																			
123		SVM	E3 ug/dscm	y			16.6		19.8		21.1								19.2
124		LVM	E3 ug/dscm	y		1.39	6.2	1.136	7.5	1.8	4.5						1.4		6.1
125																			
126	12	222C12	1999 Performance Test				R1		R2		R3		R4		R5		R6		Cond Avg
127																			
128		CO (RA)	Not repo	ppmv															
129		CO (MHRA)	Not repo	ppmv															
130																			
131		PM	E1 gr/dscf	y			0.007		0.005		0.003		0.003		0.003				0.004
132																			
133		HCl	lb/hr			nd	0.0140	nd	0.0140	nd	0.0140						nd		0.0140
134		Cl2	Not Rep ^o lb/hr																
135																			
136		HCl	E2 ppmv	y		nd	0.12	nd	0.11	nd	0.11						100		0.11
137																			
138		Arsenic	lb/hr				1.84E-04		6.76E-05		5.40E-05								1.02E-04
139		Beryllium	lb/hr			nd	7.37E-06	nd	7.77E-06	nd	7.71E-06								7.62E-06
140		Cadmium	lb/hr				2.73E-04		5.99E-04		3.55E-04								4.09E-04
141		Chromium	lb/hr				4.64E-04		1.11E-03		5.63E-04								7.12E-04
142		Lead	lb/hr				6.08E-04		3.93E-04		4.82E-04								4.94E-04
143		Mercury	lb/hr				1.62E-03		1.62E-03		2.31E-03								1.85E-03
144		Nickel	lb/hr				2.87E-05		1.08E-04		1.11E-03								4.16E-04
145																			
146		POHC	Trichloroethylene																
147		POHC Feedrate	lb/hr				696.1		677.8		728.0								700.63
148		Emission Rate	E4 lb/hr				1.08E-04		7.99E-05		9.74E-05								9.50E-05
149		DRE	E4 %				99.99998		99.99999		99.99999								99.99999
150																			
151		Sampling Train	PM	E1															
152		Stack Gas Flowrate	dscfm				45926		48391		47527		49049		46713				47521
153		O2	%				14.5		14.5		14.5		14.5		14.5				14.51
154		Moisture	%				28.1		25.8		26.3		27.1		26.1				26.68
155		Temperature	^o F				196		196		197		197		195				196.2
156																			
157		Sampling Train	HCl	E2															
158		Stack Gas Flowrate	dscfm				45926		48391		47527								47281
159		O2	%				14.53		14.53		14.53								14.53

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
160		Moisture		%			28.1		25.8		26.3								26.73
161		Temperature		°F			196		196		197								196.3
162																			
163		Sampling Train	Metals	E3															
164		Stack Gas Flowrate		dscfm			45381		44973		43895								44750
165		O2		%			13.5		14.5		14.5								14.2
166		Moisture		%			32.8		27.6		27.5								29.3
167		Temperature		°F			199		194		196								196
168																			
169		Sampling Train	PCDD/PCDF	E4															
170		Stack Gas Flowrate		dscfm			41502		43270		43222		49905		51051				45790
171		O2		%			13.52		14.53		14.49		14.50		14.66				14.34
172		Moisture		%			30.7		28.1		30.7		30.3		29.6				29.9
173		Temperature	Not Rep	°F															
174																			
175		Arsenic	E3	ug/dscm	y		2.0		0.9		0.7								1.2
176		Beryllium	E3	ug/dscm	y	nd	0.1	nd	0.1	nd	0.1						100		0.1
177		Cadmium	E3	ug/dscm	y		3.0		7.7		4.6								5.1
178		Chromium	E3	ug/dscm	y		5.1		14.3		7.4								8.9
179		Lead	E3	ug/dscm	y		6.7		5.1		6.3								6.0
180		Mercury	E3	ug/dscm	y		17.9		20.8		30.2								23.0
181		Nickel	E3	ug/dscm	y		0.3		1.4		14.5								5.4
182																			
183		SVM	E3	ug/dscm	y		9.7		12.8		11.0								11.1
184		LVM	E3	ug/dscm	y	1.12	7.2	0.655	15.2	1.2	8.2							0.9	10.2
185																			
186																			
187	13	222C13	2000 Performance Test				R1		R2		R3		R4		R5		R6		Cond Avg
188																			
189		CO (RA)		Not repo	ppmv														
190		CO (MHRA)		Not repo	ppmv														
191																			
192		PM	E1	gr/dscf	y		0.014		0.010		0.009		0.009		0.012				0.011
193																			
194		HCl		lb/hr			0.0367		0.0480		0.0313								0.0387
195		Cl2		Not Rep	lb/hr														
196																			
197		HCl	E2	ppmv	y		0.35		0.44		0.30						100		0.36
198																			
199																			
200																			
201		POHC		Monochlorobenzene															
202		POHC Feedrate		lb/hr			1,327.0		1,146.0		875.0		815.0						1116.00
203		Emission Rate	E4	lb/hr			9.36E-05	<	8.93E-05	<	8.72E-05		9.13E-05						9.00E-05
204		DRE	E4	%			99.99999	<	99.99999	<	99.99999		99.99999						99.99999
205																			
206		Arsenic		lb/hr			3.36E-04		4.23E-04		6.42E-04								4.67E-04
207		Beryllium		lb/hr		nd	7.63E-06	nd	7.43E-06	nd	7.38E-06						nd		7.48E-06
208		Cadmium		lb/hr			4.43E-04		7.43E-04		3.98E-04								5.28E-04
209		Chromium		lb/hr			3.43E-04		9.88E-04		5.62E-03								2.32E-03
210		Lead		lb/hr			1.98E-02		1.56E-02		3.72E-03								1.30E-02
211		Mercury		lb/hr			3.22E-03		5.93E-03		3.77E-03								4.31E-03
212		Nickel		lb/hr			3.28E-04		3.12E-04		4.87E-04								3.76E-04

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
213																			
214		Sampling Train	PM	E1															
215		Stack Gas Flowrate		dscfm			53471		53065		50177		54880		53678				53054
216		O2		%			16.2		15.9		15.9		15.9		15.9				15.96
217		Moisture		%			27.1		27.6		27.9		27.9		28.3				27.76
218		Temperature		°F			190		199		199		197		199				196.8
219																			
220		Sampling Train	HCl	E2															
221		Stack Gas Flowrate		dscfm			53471		53065		50177								52238
222		O2		%			16.2		15.9		15.9								16.00
223		Moisture		%			27.1		27.6		27.9								27.53
224		Temperature		°F			190		199		199								196.0
225																			
226		Sampling Train	Metals	E3															
227		Stack Gas Flowrate		dscfm			53846		54199		51735								53260
228		O2		%			16.2		15.9		15.9								16.0
229		Moisture		%			28.5		29.8		31.2								29.8
230		Temperature		°F			208		207		206								207
231																			
232		Sampling Train	PCDD/P	E4															
233		Stack Gas Flowrate		dscfm			50694		52801		51325		52201		52835		50311		51695
234		O2		%			16.20		15.90		15.90		15.60		15.60		15.50		15.78
235		Moisture		%			29.7		29.5		30.9		27.1		27.6		30.9		29.3
236		Temperature	Not Rep	°F															
237																			
238		Sampling Train	Semivol	E5															
239		Sample Volume		dscf			168.269		180.435		181.983		161.717		164.805		163.153		138.968
240		Stack Gas Flowrate		dscfm			50694		52801		51325		52201		52835		50311		41026
241		O2		%			16.2		15.9		15.9		15.6		15.6		15.5		12.7
242		Moisture		%			19.7		19.5		30.9		17.1		27.6		30.9		20.4
243		Temperature		°F															
244																			
245		Arsenic	E3	ug/dscm	y		4.9		5.7		9.1								6.6
246		Beryllium	E3	ug/dscm	y	nd	0.1	nd	0.1	nd	0.1						100		0.1
247		Cadmium	E3	ug/dscm	y		6.4		10.1		5.6								7.4
248		Chromium	E3	ug/dscm	y		5.0		13.4		79.7								32.7
249		Lead	E3	ug/dscm	y		286.6		211.1		52.7								183.5
250		Mercury	E3	ug/dscm	y		46.6		80.3		53.5								60.1
251		Nickel	E3	ug/dscm	y		4.7		4.2		6.9								5.3
252																			
253		SVM	E3	ug/dscm	y		293.0		221.2		58.4								190.9
254		LVM	E3	ug/dscm	y	1.11	9.9	0.524	19.2	0.1	88.9						0.3		39.3
255																			
256		Phenol		ug			5.1	nd	4	nd	4	nd	4	nd	4	nd	4		4
257		Bis(2-chloroethyl)ether		ug		nd	4	nd	4	nd	4	nd	4	nd	4	nd	4		4
258		2-chlorophenol		ug		nd	4	nd	4	nd	4	nd	4	nd	4	nd	4		4
259		1,3-Dichlorobenzene		ug		nd	4	nd	4	nd	4	nd	4	nd	4	nd	4		4
260		1,4-Dichlorobenzene		ug		nd	4	nd	4	nd	4	nd	4	nd	4	nd	4		4
261		1,2-Dichlorobenzene		ug		nd	4	nd	4	nd	4	nd	4	nd	4	nd	4		4
262		2-methylphenol (o-cresol)		ug		nd	4	nd	4	nd	4	nd	4	nd	4	nd	4		4
263		4-methylphenol (m/p-cresol)		ug		nd	4	nd	4	nd	4	nd	4	nd	4	nd	4		4
264		Bis(2-chloroisopropyl)ether		ug		nd	4	nd	4	nd	4	nd	4	nd	4	nd	4		4
265		n-Nitrosodi-n-propylamine		ug		nd	4	nd	4	nd	4	nd	4	nd	4	nd	4		4

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
266		Hexachloroethane	ug			nd	4	nd	4	nd	4	nd	4	nd	4	nd	4		
267		Nitrobenzene	ug			nd	4	nd	4	nd	4	nd	4	nd	4	nd	4		
268		Isophorone	ug			nd	4	nd	4	nd	4	nd	4	nd	4	nd	4		
269		2-Nitrophenol	ug			nd	4	nd	4	nd	4	nd	4	nd	4	nd	4		
270		2,4-Dimethylphenol	ug			nd	4	nd	4	nd	4	nd	4	nd	4	nd	4		
271		Bis(2-chloroethoxy)methane	ug			nd	4	nd	4	nd	4	nd	4	nd	4	nd	4		
272		Benzoic Acid	ug				250		150		280		230		200		110		
273		2,4-Dichlorophenol	ug			nd	4	nd	4	nd	4	nd	4	nd	4	nd	4		
274		1,2,4-Trichlorobenzene	ug			nd	4		4.1	nd	4	nd	4		7		4.7		
275		Naphthalene	ug			nd	4	nd	4	nd	4	nd	4	nd	4	nd	4		
276		4-Chloroaniline	ug			nd	4	nd	4	nd	4	nd	4	nd	4	nd	4		
277		Hexachlorobutadiene	ug			nd	4	nd	4	nd	4	nd	4	nd	4	nd	4		
278		4-Chloro-3-Methylphenol	ug			nd	4	nd	4	nd	4	nd	4	nd	4	nd	4		
279		2-Methylnaphthalene	ug			nd	4	nd	4	nd	4	nd	4	nd	4	nd	4		
280		Hexachlorocyclopentadiene	ug			nd	4	nd	4	nd	4	nd	4	nd	4	nd	4		
281		2,4,6-Trichlorophenol	ug			nd	4	nd	4	nd	4	nd	4	nd	4	nd	4		
282		2,4,5-Trichlorophenol	ug			nd	4	nd	4	nd	4	nd	4	nd	4	nd	4		
283		2-Chloronaphthalene	ug			nd	4	nd	4	nd	4	nd	4	nd	4	nd	4		
284		2-Nitroaniline	ug			nd	4	nd	4	nd	4	nd	4	nd	4	nd	4		
285		Dimethyl phthalate	ug			nd	4	nd	4	nd	4	nd	4	nd	4	nd	4		
286		Acenaphthylene	ug			nd	4	nd	4	nd	4	nd	4	nd	4	nd	4		
287		2,6-Dinitrotoluene	ug			nd	4	nd	4	nd	4	nd	4	nd	4	nd	4		
288		3-Nitroaniline	ug			nd	4	nd	4	nd	4	nd	4	nd	4	nd	4		
289		Acenaphthene	ug			nd	4	nd	4	nd	4	nd	4	nd	4	nd	4		
290		2,4-Dinitrophenol	ug			nd	20	nd	20	nd	20	nd	20	nd	20	nd	20		
291		4-Nitrophenol	ug			nd	8	nd	8	nd	8	nd	8	nd	8	nd	8		
292		Dibenzofuran	ug			nd	4	nd	4	nd	4	nd	4	nd	4	nd	4		
293		2,4-Dinitrotoluene	ug			nd	4	nd	4	nd	4	nd	4	nd	4	nd	4		
294		Diethyl phthalate	ug			nd	4	nd	4	nd	4	nd	4	nd	4	nd	4		
295		Fluorene	ug			nd	4	nd	4	nd	4	nd	4	nd	4	nd	4		
296		4-Chlorophenyl-phenylether	ug			nd	4	nd	4	nd	4	nd	4	nd	4	nd	4		
297		4-Nitroaniline	ug			nd	4	nd	4	nd	4	nd	4	nd	4	nd	4		
298		4,6-Dinitro-2-methylphenol	ug			nd	8	nd	8	nd	8	nd	8	nd	8	nd	8		
299		Azobenzene	ug			nd	4	nd	4	nd	4	nd	4	nd	4	nd	4		
300		n-Nitrosodiphenylamine	ug			nd	4	nd	4	nd	4	nd	4	nd	4	nd	4		
301		4-Bromophenyl-phenylether	ug			nd	4	nd	4	nd	4	nd	4	nd	4	nd	4		
302		Hexachlorobenzene	ug			nd	4	nd	4	nd	4	nd	4	nd	4	nd	4		
303		Pentachlorophenol	ug			nd	8	nd	8	nd	8	nd	8	nd	8	nd	8		
304		Di-n-butyl phthalate	ug			nd	4	nd	4	nd	4	nd	4	nd	4	nd	4		
305		Fluoranthene	ug			nd	4	nd	4	nd	4	nd	4	nd	4	nd	4		
306		Pyrene	ug			nd	4	nd	4	nd	4	nd	4	nd	4	nd	4		
307		Butylbenzylphthalate	ug			nd	4	nd	4	nd	4	nd	4	nd	4	nd	4		
308		Benzo(a)anthracene	ug			nd	4	nd	4	nd	4	nd	4	nd	4	nd	4		
309		3-3'-Dichlorobenzidine	ug			nd	4	nd	4	nd	4	nd	4	nd	4	nd	4		
310		Chrysene	ug			nd	4	nd	4	nd	4	nd	4	nd	4	nd	4		
311		Bis(2-ethylhexyl)phthalate	ug				2300		5.8		42		7		7.8		12		
312		Di-n-octyl phthalate	ug			nd	4	nd	4	nd	4	nd	4	nd	4	nd	4		
313		Benzo(b)fluoranthene	ug			nd	4	nd	4	nd	4	nd	4	nd	4	nd	4		
314		Benzo(k)fluoranthene	ug			nd	4	nd	4	nd	4	nd	4	nd	4	nd	4		
315		Benzo(a)pyrene	ug			nd	4	nd	4	nd	4	nd	4	nd	4	nd	4		
316		Indeno(1,2,3-c,d)pyrene	ug			nd	4	nd	4	nd	4	nd	4	nd	4	nd	4		
317		Dibenz(a,h)anthracene	ug			nd	4	nd	4	nd	4	nd	4	nd	4	nd	4		
318		Benzo(g,h,i)perylene	ug			nd	4	nd	4	nd	4	nd	4	nd	4	nd	4		

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	
319																				
320																				
321		Phenol	E5	ug/dscm	y		3.1	nd		2.1	nd		2.1	nd	2.3	nd	2.2	nd	2.2	2.3
322		Bis(2-chloroethyl)ether	E5	ug/dscm	y	nd	2.4	nd		2.1	nd		2.1	nd	2.3	nd	2.2	nd	2.2	2.2
323		2-chlorophenol	E5	ug/dscm	y	nd	2.4	nd		2.1	nd		2.1	nd	2.3	nd	2.2	nd	2.2	2.2
324		1,3-Dichlorobenzene	E5	ug/dscm	y	nd	2.4	nd		2.1	nd		2.1	nd	2.3	nd	2.2	nd	2.2	2.2
325		1,4-Dichlorobenzene	E5	ug/dscm	y	nd	2.4	nd		2.1	nd		2.1	nd	2.3	nd	2.2	nd	2.2	2.2
326		1,2-Dichlorobenzene	E5	ug/dscm	y	nd	2.4	nd		2.1	nd		2.1	nd	2.3	nd	2.2	nd	2.2	2.2
327		2-methylphenol (o-cresol)	E5	ug/dscm	y	nd	2.4	nd		2.1	nd		2.1	nd	2.3	nd	2.2	nd	2.2	2.2
328		4-methylphenol (m/p-cresol)	E5	ug/dscm	y	nd	2.4	nd		2.1	nd		2.1	nd	2.3	nd	2.2	nd	2.2	2.2
329		Bis(2-chloroisopropyl)ether	E5	ug/dscm	y	nd	2.4	nd		2.1	nd		2.1	nd	2.3	nd	2.2	nd	2.2	2.2
330		n-Nitrosodi-n-propylamine	E5	ug/dscm	y	nd	2.4	nd		2.1	nd		2.1	nd	2.3	nd	2.2	nd	2.2	2.2
331		Hexachloroethane	E5	ug/dscm	y	nd	2.4	nd		2.1	nd		2.1	nd	2.3	nd	2.2	nd	2.2	2.2
332		Nitrobenzene	E5	ug/dscm	y	nd	2.4	nd		2.1	nd		2.1	nd	2.3	nd	2.2	nd	2.2	2.2
333		Isophorone	E5	ug/dscm	y	nd	2.4	nd		2.1	nd		2.1	nd	2.3	nd	2.2	nd	2.2	2.2
334		2-Nitrophenol	E5	ug/dscm	y	nd	2.4	nd		2.1	nd		2.1	nd	2.3	nd	2.2	nd	2.2	2.2
335		2,4-Dimethylphenol	E5	ug/dscm	y	nd	2.4	nd		2.1	nd		2.1	nd	2.3	nd	2.2	nd	2.2	2.2
336		Bis(2-chloroethoxy)methane	E5	ug/dscm	y	nd	2.4	nd		2.1	nd		2.1	nd	2.3	nd	2.2	nd	2.2	2.2
337		Benzoic Acid	E5	ug/dscm	y		153.0			80.6			149.2		130.2		111.1		60.6	114.1
338		2,4-Dichlorophenol	E5	ug/dscm	y	nd	2.4	nd		2.1	nd		2.1	nd	2.3	nd	2.2	nd	2.2	2.2
339		1,2,4-Trichlorobenzene	E5	ug/dscm	y	nd	2.4	nd		2.2	nd		2.1	nd	2.3		3.9		2.6	2.6
340		Naphthalene	E5	ug/dscm	y	nd	2.4	nd		2.1	nd		2.1	nd	2.3	nd	2.2	nd	2.2	2.2
341		4-Chloroaniline	E5	ug/dscm	y	nd	2.4	nd		2.1	nd		2.1	nd	2.3	nd	2.2	nd	2.2	2.2
342		Hexachlorobutadiene	E5	ug/dscm	y	nd	2.4	nd		2.1	nd		2.1	nd	2.3	nd	2.2	nd	2.2	2.2
343		4-Chloro-3-Methylphenol	E5	ug/dscm	y	nd	2.4	nd		2.1	nd		2.1	nd	2.3	nd	2.2	nd	2.2	2.2
344		2-Methylnaphthalene	E5	ug/dscm	y	nd	2.4	nd		2.1	nd		2.1	nd	2.3	nd	2.2	nd	2.2	2.2
345		Hexachlorocyclopentadiene	E5	ug/dscm	y	nd	2.4	nd		2.1	nd		2.1	nd	2.3	nd	2.2	nd	2.2	2.2
346		2,4,6-Trichlorophenol	E5	ug/dscm	y	nd	2.4	nd		2.1	nd		2.1	nd	2.3	nd	2.2	nd	2.2	2.2
347		2,4,5-Trichlorophenol	E5	ug/dscm	y	nd	2.4	nd		2.1	nd		2.1	nd	2.3	nd	2.2	nd	2.2	2.2
348		2-Chloronaphthalene	E5	ug/dscm	y	nd	2.4	nd		2.1	nd		2.1	nd	2.3	nd	2.2	nd	2.2	2.2
349		2-Nitroaniline	E5	ug/dscm	y	nd	2.4	nd		2.1	nd		2.1	nd	2.3	nd	2.2	nd	2.2	2.2
350		Dimethyl phthalate	E5	ug/dscm	y	nd	2.4	nd		2.1	nd		2.1	nd	2.3	nd	2.2	nd	2.2	2.2
351		Acenaphthylene	E5	ug/dscm	y	nd	2.4	nd		2.1	nd		2.1	nd	2.3	nd	2.2	nd	2.2	2.2
352		2,6-Dinitrotoluene	E5	ug/dscm	y	nd	2.4	nd		2.1	nd		2.1	nd	2.3	nd	2.2	nd	2.2	2.2
353		3-Nitroaniline	E5	ug/dscm	y	nd	2.4	nd		2.1	nd		2.1	nd	2.3	nd	2.2	nd	2.2	2.2
354		Acenaphthene	E5	ug/dscm	y	nd	2.4	nd		2.1	nd		2.1	nd	2.3	nd	2.2	nd	2.2	2.2
355		2,4-Dinitrophenol	E5	ug/dscm	y	nd	12.2	nd		10.7	nd		10.7	nd	11.3	nd	11.1	nd	11.0	11.2
356		4-Nitrophenol	E5	ug/dscm	y	nd	4.9	nd		4.3	nd		4.3	nd	4.5	nd	4.4	nd	4.4	4.5
357		Dibenzofuran	E5	ug/dscm	y	nd	2.4	nd		2.1	nd		2.1	nd	2.3	nd	2.2	nd	2.2	2.2
358		2,4-Dinitrotoluene	E5	ug/dscm	y	nd	2.4	nd		2.1	nd		2.1	nd	2.3	nd	2.2	nd	2.2	2.2
359		Diethyl phthalate	E5	ug/dscm	y	nd	2.4	nd		2.1	nd		2.1	nd	2.3	nd	2.2	nd	2.2	2.2
360		Fluorene	E5	ug/dscm	y	nd	2.4	nd		2.1	nd		2.1	nd	2.3	nd	2.2	nd	2.2	2.2
361		4-Chlorophenyl-phenylethylene	E5	ug/dscm	y	nd	2.4	nd		2.1	nd		2.1	nd	2.3	nd	2.2	nd	2.2	2.2
362		4-Nitroaniline	E5	ug/dscm	y	nd	2.4	nd		2.1	nd		2.1	nd	2.3	nd	2.2	nd	2.2	2.2
363		4,6-Dinitro-2-methylphenol	E5	ug/dscm	y	nd	4.9	nd		4.3	nd		4.3	nd	4.5	nd	4.4	nd	4.4	4.5
364		Azobenzene	E5	ug/dscm	y	nd	2.4	nd		2.1	nd		2.1	nd	2.3	nd	2.2	nd	2.2	2.2
365		n-Nitrosodiphenylamine	E5	ug/dscm	y	nd	2.4	nd		2.1	nd		2.1	nd	2.3	nd	2.2	nd	2.2	2.2
366		4-Bromophenyl-phenylethylene	E5	ug/dscm	y	nd	2.4	nd		2.1	nd		2.1	nd	2.3	nd	2.2	nd	2.2	2.2
367		Hexachlorobenzene	E5	ug/dscm	y	nd	2.4	nd		2.1	nd		2.1	nd	2.3	nd	2.2	nd	2.2	2.2
368		Pentachlorophenol	E5	ug/dscm	y	nd	4.9	nd		4.3	nd		4.3	nd	4.5	nd	4.4	nd	4.4	4.5
369		Di-n-butyl phthalate	E5	ug/dscm	y	nd	2.4	nd		2.1	nd		2.1	nd	2.3	nd	2.2	nd	2.2	2.2
370		Fluoranthene	E5	ug/dscm	y	nd	2.4	nd		2.1	nd		2.1	nd	2.3	nd	2.2	nd	2.2	2.2
371		Pyrene	E5	ug/dscm	y	nd	2.4	nd		2.1	nd		2.1	nd	2.3	nd	2.2	nd	2.2	2.2

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
372		Butylbenzylphthalate	E5	ug/dscm	y	nd	2.4	nd	2.1	nd	2.1	nd	2.3	nd	2.2	nd	2.2		2.2
373		Benzo(a)anthracene	E5	ug/dscm	y	nd	2.4	nd	2.1	nd	2.1	nd	2.3	nd	2.2	nd	2.2		2.2
374		3-3'-Dichlorobenzidine	E5	ug/dscm	y	nd	2.4	nd	2.1	nd	2.1	nd	2.3	nd	2.2	nd	2.2		2.2
375		Chrysene	E5	ug/dscm	y	nd	2.4	nd	2.1	nd	2.1	nd	2.3	nd	2.2	nd	2.2		2.2
376		Bis(2-ethylhexyl)phthalate	E5	ug/dscm	y		1407.9		3.1		22.4		4.0		4.3		6.6		241.4
377		Di-n-octyl phthalate	E5	ug/dscm	y	nd	2.4	nd	2.1	nd	2.1	nd	2.3	nd	2.2	nd	2.2		2.2
378		Benzo(b)fluoranthene	E5	ug/dscm	y	nd	2.4	nd	2.1	nd	2.1	nd	2.3	nd	2.2	nd	2.2		2.2
379		Benzo(k)fluoranthene	E5	ug/dscm	y	nd	2.4	nd	2.1	nd	2.1	nd	2.3	nd	2.2	nd	2.2		2.2
380		Benzo(a)pyrene	E5	ug/dscm	y	nd	2.4	nd	2.1	nd	2.1	nd	2.3	nd	2.2	nd	2.2		2.2
381		Indeno(1,2,3-c,d)pyrene	E5	ug/dscm	y	nd	2.4	nd	2.1	nd	2.1	nd	2.3	nd	2.2	nd	2.2		2.2
382		Dibenz(a,h)anthracene	E5	ug/dscm	y	nd	2.4	nd	2.1	nd	2.1	nd	2.3	nd	2.2	nd	2.2		2.2
383		Benzo(g,h,i)perylene	E5	ug/dscm	y	nd	2.4	nd	2.1	nd	2.1	nd	2.3	nd	2.2	nd	2.2		2.2

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W
1	Stack Gas Emissions 2																					
2																						
3																						
4	222C1					R1		R2		R3		R4		R5		R6		R7		R8		Cond Avg
5																						
6	PM	E1	gr/dscf	y		0.0030		0.0035		0.0017												0.0027
7	CO (RA)	E1	ppmv	y		38.1		29.2		34.8												34.0
8	HC	E1	ppmv	y		0.3		0.5		0.2												0.3
9	HCl	E1	ppmv	y		0.2	nd	0.2		0.3												0.2
10	Cl2	E1	ppmv	y	nd	0.0		0.1	nd	0.1												0.1
11	Total Chlorine	E1	ppmv	y	34	0.3	39.3	0.5	30.6	0.5											34.8	0.4
12	Antimony	E2	ug/dscm	y		14.6		8.1		5.0												9.2
13	Arsenic	E2	ug/dscm	y		8.5		4.4		5.8												6.2
14	Beryllium	E2	ug/dscm	y	nd	0.3		0.0		0.2												0.1
15	Cadmium	E2	ug/dscm	y		6.1		12.2		15.8												11.4
16	Chromium	E2	ug/dscm	y		0.4	nd	13.0	nd	12.9											98.4	8.8
17	Chromium (Hex)	E3	ug/dscm	y	nd	0.1	nd	0.1	nd	0.1											100	0.1
18	Lead	E2	ug/dscm	y		35.2		80.3		100.4												72.0
19	Mercury	E2	ug/dscm	y		13715.7		13896.8		13665.9												13759.5
20	SVM	E2	ug/dscm	y		41.3		92.5		116.2												83.3
21	LVM	E2	ug/dscm	y	3	9.2		17.4		18.8											0.64	15.2
22																						
23	Carbon Tetrachloride	E4	%			99.9991		99.9987		99.9988												
24	Chlorobenzene	E4	%			99.9996		99.9996		99.9996												
25	trichloroethene	E4	%			99.9996		99.9996		99.9996												
26																						
27	Sampling Train	Halogens	E1																			
28	Stack Gas Flowrate		dscfm			54938.0		52947.0		55821.0												
29	O2		%			11.3		11.3		11.8												
30	Moisture		%			30.3		30.6		29.6												
31	Temperature		°F			202.0		204.0		202.0												
32																						
33	Sampling Train	Metals	E2																			
34	Stack Gas Flowrate		dscfm			53719.0		53735.0		53044.0												
35	O2		%			11.3		11.5		11.8												
36	Moisture		%			29.8		30.4		32.8												
37	Temperature		°F			207.0		201.0		201.0												
38																						
39	Sampling Train	Cr Hex	E3																			
40	Stack Gas Flowrate		dscfm			60037.0		58381.0		57967.0												
41	O2		%			11.3		11.5		11.8												
42	Moisture		%			22.7		25.5		21.5												
43	Temperature		°F			207.0		201.0		202.0												
44																						
45	Sampling Train	Dioxin & Furans	E4																			
46	Stack Gas Flowrate		dscfm			55802.0		55486.0		55435.0												
47	O2		%			11.3		11.3		11.7												
48	Moisture		%			30.7		29.6		30.4												
49	Temperature		°F			200.0		204.0		200.0												
50																						
51	222C2					R1		R2		R3		R4		R5		R6		R7		R8		Cond Avg
52																						
53	PM	E1	gr/dscf	y		0.0018		0.0025		0.0034												0.0026

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W
54	CO (RA)	E1	ppmv	y		52.1		64.4		75.2												63.9
55	HC (RA)	E1	ppmv	y		0.3		0.1		0.6												0.4
56	HCl	E1	ppmv	y		2.2		2.2		2.1												2.2
57	Cl2	E1	ppmv	y		1.1		1.0		0.6												0.9
58	Total Chlorine	E1	ug/dscm	y		4.4		4.2		3.3												4.0
59																						
60	Carbon Tetrachloride	E2	%			99.9672		99.9879		99.9904												
61	Chlorobenzene	E2	%			99.9996		99.9996		99.9996												
62	trichloroethene	E2	%			99.9996		99.9996		99.9996												
63																						
64	Sampling Train	Halogens	E1																			
65	Stack Gas Flowrate		dscfm			46967.0		51037.0		57331.0												
66	O2		%			10.8		11.4		12.8												
67	Moisture		%			34.3		33.0		28.9												
68	Temperature		°F			203.0		203.0		201.0												
69																						
70	Sampling Train	Dioxin & Furz	E2																			
71	Stack Gas Flowrate		dscfm			47657.0		51683.0		58718.0												
72	O2		%			10.9		11.4		12.8												
73	Moisture		%			33.6		32.2		28.0												
74	Temperature		°F			198.0		200.0		198.0												
75																						
76	222C3					R1		R2		R3		R4		R5		R6		R7		R8		Cond Avg
77																						
78	PM	E1	gr/dscf	y		0.0028		0.0018		0.0010												0.0019
79	CO (RA)	E1	ppmv	y		9.1		10.9		11.5												10.5
80	HC (RA)	E1	ppmv	y		0.2		0.5		1.2												0.6
81	HCl	E1	ppmv	y		2.0		1.8		0.9												1.6
82	Cl2	E1	ppmv	y		0.1	nd	0.1		0.3												0.1
83	Total Chlorine	E1	ug/dscm	y		2.2	3.3	1.9		1.4											1.14	1.8
84																						
85	1,2,4-Trichlorobenzene	E2	%			99.99988		99.99986		99.99988												
86	Carbon Tetrachloride	E2	%			99.9997		99.9978		99.9972												
87	Chlorobenzene	E2	%			99.9995		99.9995		99.9995												
88																						
89	Sampling Train	Halogens	E1																			
90	Stack Gas Flowrate		dscfm			57343.0		58203.0		59373.0												
91	O2		%			14.1		14.0		14.3												
92	Moisture		%			21.5		23.6		23.8												
93	Temperature		°F			202.0		201.0		204.0												
94																						
95	Sampling Train	Dioxin & Furz	E2																			
96	Stack Gas Flowrate		dscfm			57317.0		59136.0		59389.0												
97	O2		%			14.1		14.1		14.3												
98	Moisture		%			21.0		22.7		23.0												
99	Temperature		°F			199.0		198.0		202.0												
100																						
101	222C4					R1		R2		R3		R4		R5		R6		R7		R8		Cond Avg
102																						
103	Sampling Train	Dioxin & Furz	E1																			
104	Stack Gas Flowrate		dscfm			50776.0		52350.0		52375.0		52719.0		50098.0								
105	O2		%			12.4		13.1		12.4		12.7		12.5								
106	Moisture		%			29.4		27.2		28.5		28.4		27.6								

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W
107	Temperature		°F			0.0		0.0		0.0		0.0		0.0								
108																						
109	222C5					R1		R2		R3		R4		R5		R6		R7		R8		Cond Avg
110																						
111	PM	E1	gr/dscf	y		0.0028		0.0008		0.0008		0.0009		0.0014		0.0011						0.0013
112	Lead	E1	ug/dscm	y		2.4		1.7		1.8		1.87		4.5		2.41						2.5
113																						
114	Sampling Train	Metals	E1																			
115	Stack Gas Flowrate		dscfm			55876.0		58536.0		58275.0						58015.0		55224.0		58650.0		
116	O2		%			14.5		13.9		14.1						13.6		13.6		13.9		
117	Moisture		%			24.9		24.8		24.2						27.1		27.6		27.6		
118	Temperature		°F			175.0		172.0		173.0						197.0		197.0		197.0		
119																						
120	Sampling Train	Dioxin & Furz	E2																			
121	Stack Gas Flowrate		dscfm			57753.0		60676.0		58789.0		60069.0		58120.0								
122	O2		%			14.2		14.1		14.2		14.2		13.6								
123	Moisture		%			25.5		24.9		25.8		26.6		25.8								
124	Temperature		°F			179.0		178.0		181.0		195.0		192.0								
125																						
126	222C6					R1		R2		R3		R4		R5		R6		R7		R8		Cond Avg
127																						
128	PM	E1	gr/dscf	y		0.0016		0.0018		0.0015		0.0015										0.0016
129	CO (RA)	E1	ppmv	y		42.5		20.6		35.8		45.7										36.1
130	HC (RA)	E1	ppmv	y								0.2										0.2
131	HCl	E1	ppmv	y	nd	0.2		1.8		1.5		1.6										1.2
132	Cl2	E1	ppmv	y		0.3		0.3		0.3		0.3										0.3
133	Total Chlorine	E1	ppmv	y	23	0.8		2.4		2.0		2.1										1.8
134																						
135	Carbon Tetrachloride	E2	%			99.9972		99.9943		99.9964		99.9972										
136	Chlorobenzene	E2	%			99.9998		99.9997		99.9997		99.9994										
137	trichloroethene	E2	%			99.9997		99.9996		99.9995		99.9995										
138																						
139	Sampling Train	Halogens	E1																			
140	Stack Gas Flowrate		dscfm			56121.0		57866.0		56490.0		54240.0										
141	O2		%			13.7		14.0		13.7		12.8										
142	Moisture		%			30.0		28.0		28.6		28.8										
143	Temperature		°F			197.2		198.0		198.0		196.0										
144																						
145	Sampling Train	Dioxin & Furz	E2																			
146	Stack Gas Flowrate		dscfm			56420.0		58490.0		58416.0		55333.0										
147	O2		%			13.7		14.0		13.7		12.8										
148	Moisture		%			29.4		27.5		27.7		27.9										
149	Temperature		°F			0.0		0.0		0.0		0.0										
150																						
151	222C7					R1		R2		R3		R4		R5		R6		R7		R8		Cond Avg
152																						
153	PM	E1	gr/dscf	y		0.0030		0.0060		0.0034		0.0026		0.0024								0.0035
154																						
155	Sampling Train	Particulate	E1																			
156	Stack Gas Flowrate		dscfm			47800.0		50418.0		49532.0		51166.0		52608.0								
157	O2		%			12.8		13.2		13.4		12.5		12.5								
158	Moisture		%			27.3		26.7		26.4		28.0		26.1								

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W
159	Temperature		°F			200.2		202.8		201.1		200.3		197.8								
160																						
161	Sampling Train	Dioxin & Fur	E2																			
162	Stack Gas Flowrate		dscfm			47591.0		48922.0		48201.0		49053.0		48707.0								
163	O2		%			12.8		13.2		13.4		12.5		13.2								
164	Moisture		%			26.9		26.7		26.8		29.1		29.6								
165	Temperature		°F			197.7		199.6		198.3		197.5		196.3								
166																						
167	222C8					R1		R2		R3		R4		R5		R6		R7		R8		Cond Avg
168																						
169	PM	E1	gr/dscf	y		0.0032		0.0019		0.0017												0.0023
170	Lead	E1	ug/dscm	y		75.4		12.3		16.2												34.6
171																						
172	Sampling Train	Metals	E1																			
173	Stack Gas Flowrate		dscfm			52927.0		50344.0		49881.0												
174	O2		%			13.0		13.2		12.7												
175	Moisture		%			25.5		26.6		26.3												
176	Temperature		°F			190.1		197.6		199.4												
177																						
178	222C9					R1		R2		R3		R4		R5		R6		R7		R8		Cond Avg
179																						
180	PM	E1	gr/dscf	y		0.0041		0.0064		0.0028												0.0044
181	Lead	E1	ug/dscm	y		17.4		3.0		5.6												8.7
182	SVM	E1	ug/dscm	y		17.4		3.0		5.6												8.7
183																						
184	Sampling Train	Metals	E1																			
185	Stack Gas Flowrate		dscfm			54536.0		53517.0		53604.0												
186	O2		%			12.7		12.8		12.7												
187	Moisture		%			29.9		29.8		28.9												
188	Temperature		°F			187.8		188.1		188.6												
189																						
190	222B1					R1		R2		R3		R4		R5		R6		R7		R8		Cond Avg
191																						
192	PM	E1	gr/dscf	y		0.0010		0.0002		0.0037												0.0016
193	Lead	E1	ug/dscm	y		7.4		4.5		4.1												5.4
194	SVM	E1	ug/dscm	y		7.4		4.5		4.1												5.4
195																						
196	Sampling Train	Metals	E1																			
197	Stack Gas Flowrate		dscfm			53595.0		54937.0		52071.0												
198	O2		%			13.9		13.9		13.4												
199	Moisture		%			26.8		27.4		26.9												
200	Temperature		°F			190.8		191.9		193.0												
201																						
202	222B2					R1		R2		R3		R4		R5		R6		R7		R8		Cond Avg
203																						
204	PM	E1	gr/dscf	y		0.0032		0.0035		0.0022												0.0030
205	Lead	E1	ug/dscm	y		9.2		4.8		2.5												5.5
206	SVM	E1	ug/dscm	y		9.2		4.8		2.5												5.5
207																						
208	Sampling Train	Metals	E1																			
209	Stack Gas Flowrate		dscfm			55395.0		53459.0		52508.0												
210	O2		%			14.9		15.0		14.8												
211	Moisture		%			26.4		26.2		27.9												

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W
212	Temperature		°F			192.2		191.2		192.3												
213																						
214	222B3					R1		R2		R3		R4		R5		R6		R7		R8		Cond Avg
215																						
216	PM	E1	gr/dscf	y		0.0021		0.0036		0.0035		0.0034										0.0032
217	HCl	E2	ppmv	y	nd	0.3		1.7	nd	0.3												0.8
218	Arsenic	E3	ug/dscm	y						0.1		0.0	nd		1.6							0.6
219	Beryllium	E3	ug/dscm	y						nd	0.3	nd	0.4	nd	0.4					100		0.4
220	Cadmium	E3	ug/dscm	y						1.9		1.8			1.8							1.8
221	Chromium	E3	ug/dscm	y						1.6		0.7			1.1							1.1
222	Lead	E3	ug/dscm	y						8.6		5.6			2.1							5.4
223	Mercury	E3	ug/dscm	y						1.3		7.4			8.5							5.7
224	Nickel	E3	ug/dscm	y						6.2		3.4			1.8							3.8
225	SVM	E3	ug/dscm	y						10.5		7.4			3.8							7.2
226	LVM	E3	ug/dscm	y						17	2.0	33	1.1	65	3.1						11.7	2.1
227																						
228	Carbon Tetrachloride	E1	%			99.9995		99.9996		99.9969												
229																						
230	Sampling Train	Particulate	E1																			
231	Stack Gas Flowrate		dscfm			57113.0		54071.0		53611.0		57459.0										54671.0
232	O2		%			13.4		13.1		13.4		13.5										13.2
233	Moisture		%			27.0		29.0		29.0		26.8										30.6
234	Temperature		°F			192.3		194.7		194.0		190.7										195.1
235																						
236	Sampling Train	Halogens	E2																			
237	Stack Gas Flowrate		dscfm			56013.0		55969.0		53502.0												
238	O2		%			14.0		14.1		13.9												
239	Moisture		%			25.5		26.0		26.9												
240	Temperature		°F			192.2		192.5		193.5												
241																						
242	Sampling Train	Metals	E3																			
243	Stack Gas Flowrate		dscfm							55864.0		55451.0		55431.0								
244	O2		%							12.9		13.4		13.2								
245	Moisture		%							29.0		28.0		29.3								
246	Temperature		°F							193.8		190.1		191.7								
247																						
248	Sampling Train	Dioxin & Fur	E4																			
249	Stack Gas Flowrate		dscfm							56485.0		53381.0		55356.0		54983.0		55687.0				
250	O2		%							13.5		13.4		13.4		13.5		13.3				
251	Moisture		%							27.2		29.1		27.8		28.5		29.3				
252	Temperature		°F							193.5		196.5		192.6		192.7		193.3				
253																						
254	222B4					R1		R2		R3		R4		R5		R6		R7		R8		Cond Avg
255																						
256	Sampling Train	Dioxin & Fur	E1																			
257	Stack Gas Flowrate		dscfm			54676.1		54676.1		54676.1		54676.1		54676.1		54676.1		54676.1				
258	O2		%			13.0		13.0		13.0		13.0		13.0		13.0		13.0				
259	Moisture		%			0.0		0.0		0.0		0.0		0.0		0.0		0.0				
260	Temperature		°F			0.0		0.0		0.0		0.0		0.0		0.0		0.0				
261																						
262	222B5					R1		R2		R3		R4		R5		R6		R7		R8		Cond Avg
263																						
264	Sampling Train	Dioxin & Fur	E1																			

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W
265	Stack Gas Flowrate		dscfm			54676.1		54676.1		54676.1		54676.1		54676.1		54676.1		54676.1		54676.1		54676.1
266	O2		%			13.0		13.0		13.0		13.0		13.0		13.0		13.0		13.0		13.0
267	Moisture		%			0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0
268	Temperature		°F			0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0
269																						
270	222B6					R1		R2		R3		R4		R5		R6		R7		R8		Cond Avg
271																						
272	Mercury	E1	ug/dscm	y		62.0		11.7		10.2												28.0
273																						
274	Sampling Train		Metals																			
275	Stack Gas Flowrate		dscfm			46276.0		48235.0		45064.0												
276	O2		%			12.1		11.9		12.0												
277	Moisture		%			27.2		26.7		24.2												
278	Temperature		°F			203.0		203.0		204.0												

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
1	Feedstreams 1																
2																	
3																	
4	222C10	1997 Performance Te			R1		R2		R3		R4		R5		R6		Cond Avg
5																	
6	Feedstream Number				F1		F1		F1		F1		F1		F1		F1
7	Feed Class				Total		Total		Total		Total		Total		Total		Total
8	Feed Class 2				Total		Total		Total		Total		Total		Total		Total
9	Feedstream Description				Total		Total		Total		Total		Total		Total		Total
10	Feed Rate				lb/hr												
11	Chlorine	Not Rej			lb/hr												
12	Lead				lb/hr		2.449		6.480		22.458						10.46
13	Chromium				lb/hr		0.896		3.922		16.388						7.07
14	Arsenic				lb/hr		2.316		2.682		2.247						2.42
15	Beryllium				lb/hr		0.000		0.000		0.000						0.00
16	Cadmium				lb/hr		0.094		0.355		0.254						0.23
17	Mercury				lb/hr		0.010		0.011		0.009						0.01
18	Nickel				lb/hr		1.343		1.268		1.074						1.23
19	Ash	Not Rej			lb/hr												
20	BTU				MMBtu/hr												
21	Estimated Firing Rate				MMBtu/hr												
22																	
23																	
24	Stack Gas Flowrate	From IV			dscfm		51258.0		51064		50355						50892
25	O2				%		14.6		13.77		13.63						13.99
26																	
27	<i>Feedrate MTEC Calculations</i>																
28	Ash	Not Rej			mg/dscm												
29																	
30	Chlorine	Not Rej			ug/dscm												
31																	
32	Lead				ug/dscm		27,841		65,661		226,384						106,629
33	Chromium				ug/dscm		10,186		39,741		165,197						71,708
34	Arsenic				ug/dscm		26,329		27,176		22,651						25,385
35	Beryllium				ug/dscm		0		0		0						0
36	Cadmium				ug/dscm		1,069		3,597		2,560						2,409
37	Mercury				ug/dscm		111		111		95						106
38	Nickel				ug/dscm		15,267		12,848		10,826						12,981
39																	
40	SVM				ug/dscm		28,909		69,258		228,945						109,037
41	LVM				ug/dscm		36,514		66,917		187,847						97,093
42																	
43	222C11	1998 Performance Te			R1		R2		R3		R4		R5		R6		Cond Avg
44																	
45	Feedstream Number				F1		F1		F1		F1		F1		F1		F1
46	Feed Class				Total		Total		Total		Total		Total		Total		Total
47	Feed Class 2				Total		Total		Total		Total		Total		Total		Total
48	Feedstream Description				Total		Total		Total		Total		Total		Total		Total
49	Feed Rate				lb/hr												
50	Chlorine	Not Rej			lb/hr												
51	Lead				lb/hr		15.989		14.436		14.740						15.06
52	Chromium				lb/hr		17.705		7.154		15.322						13.39
53	Arsenic				lb/hr		0.269		0.300		0.587						0.39
54	Beryllium				lb/hr		0.155		0.001		0.003						0.05
55	Cadmium				lb/hr		0.143		0.663		1.007						0.60
56	Mercury				lb/hr		0.102		0.085		0.170						0.12
57	Nickel				lb/hr		3.369		2.317		4.603						3.43
58	Ash	Not Rej			lb/hr												
59	BTU				MMBtu/hr												
60	Estimated Firing Rate				MMBtu/hr												
61	MCB				lb/hr												
62																	
63																	
64	Stack Gas Flowrate	From IV			dscfm		49341.0		50181		50380						49967
65	O2				%		14.0		14.4		14.1						14.17
66																	
67	<i>Feedrate MTEC Calculations</i>																
68	Ash	Not Rej			mg/dscm												
69																	
70	Chlorine	Not Rej			ug/dscm												
71																	
72	Lead				ug/dscm		173,181		163,061		158,626						164,956
73	Chromium				ug/dscm		191,768		80,807		164,890						145,822
74	Arsenic				ug/dscm		2,914		3,389		6,317						4,206
75	Beryllium				ug/dscm		1,679		11		32						574
76	Cadmium				ug/dscm		1,549		7,489		10,837						6,625
77	Mercury				ug/dscm		1,105		960		1,829						1,298
78	Nickel				ug/dscm		36,491		26,171		49,536						37,399
79	SVM				ug/dscm		174,730		170,549		169,463						171,581
80	LVM				ug/dscm		196,360		84,207		171,239						150,602
81																	

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
82																	
83	222C12	1999 Performance Te			R1		R2		R3		F4		F5		F6		Cond Avg
84																	
85	Feedstream Number				F1		F1		F1		F1		F1		F1		F1
86	Feed Class				Total		Total		Total		Total		Total		Total		Total
87	Feed Class 2				Total		Total		Total		Total		Total		Total		Total
88	Feedstream Description				Total		Total		Total		Total		Total		Total		Total
89	Feed Rate		lb/hr														
90	Chlorine	Not Rej	lb/hr														
91	Lead		lb/hr		8.140		36.420		4.670								16.41
92	Chromium		lb/hr		6.590		28.440		4.530								13.19
93	Arsenic		lb/hr		0.630		0.505		0.301								0.48
94	Beryllium		lb/hr		0.001		0.0005		0.0002								0.00
95	Cadmium		lb/hr		0.160		0.159		0.137								0.15
96	Mercury		lb/hr		0.020		0.008		0.032								0.02
97	Nickel		lb/hr		3.410		2.350		1.800								2.52
98	Ash	Not Rej	lb/hr														
99	BTU		MMBtu/hr														
100	Estimated Firing Rate		MMBtu/hr														
101	TCE		lb/hr														
102																	
103																	
104	Stack Gas Flowrate	From N	dscfm		45381.0		44973		43895								44750
105	O2		%		13.5		14.53		14.49								14.18
106																	
107	<i>Feedrate MTEC Calculations</i>																
108	Ash	Not Rej	mg/dscm														
109																	
110	Chlorine	Not Rej	ug/dscm														
111																	
112	Lead		ug/dscm		89,709		468,241		61,137								206,362
113	Chromium		ug/dscm		72,627		365,644		59,304								165,858
114	Arsenic		ug/dscm		6,943		6,493		3,941								5,792
115	Beryllium		ug/dscm		11		6		3								7
116	Cadmium		ug/dscm		1,763		2,044		1,794								1,867
117	Mercury		ug/dscm		220		103		419								247
118	Nickel		ug/dscm		37,581		30,213		23,565								30,453
119	SVM		ug/dscm		91,472		470,285		62,931								208,229
120	LVM		ug/dscm		79,581		372,143		63,248								171,657
121																	
122																	
123	222C13	2000 Performance Te			R1		R2		R3		R4		R5		R6		Cond Avg
124																	
125	Feedstream Number				F1		F1		F1		F1		F1		F1		F1
126	Feed Class				Total		Total		Total		Total		Total		Total		Total
127	Feed Class 2				Total		Total		Total		Total		Total		Total		Total
128	Feedstream Description				Total		Total		Total		Total		Total		Total		Total
129	Feed Rate		lb/hr														
130	Chlorine	Not Rej	lb/hr														
131	Lead		lb/hr		15.910		16.140		16.070								16.04
132	Chromium		lb/hr		26.450		21.320		12.950								20.24
133	Arsenic		lb/hr		0.470		0.300		0.340								0.37
134	Beryllium		lb/hr		0.000		0.0000		0.0000								0.00
135	Cadmium		lb/hr		1.970		0.430		0.270								0.89
136	Mercury		lb/hr		0.080		0.041		0.077								0.07
137	Nickel		lb/hr		24.010		37.890		50.960								37.62
138	Copper		lb/hr		22.810		1.280		1.230								
139	Ash	Not Rej	lb/hr														
140	BTU		MMBtu/hr														
141	Estimated Firing Rate		MMBtu/hr														
142	MCB		lb/hr														
143																	
144																	
145	Stack Gas Flowrate	From N	dscfm		53846.0		54199		51735								53260
146	O2		%		16.2		15.9		15.9								16.00
147																	
148	<i>Feedrate MTEC Calculations</i>																
149	Ash	Not Rej	mg/dscm														
150																	
151	Chlorine	Not Rej	ug/dscm														
152																	
153	Lead		ug/dscm		230,282		218,438		227,849								225,523
154	Chromium		ug/dscm		382,839		288,543		183,612								284,998
155	Arsenic		ug/dscm		6,803		4,060		4,821								5,228
156	Beryllium		ug/dscm		3		0		0								1
157	Cadmium		ug/dscm		28,514		5,820		3,828								12,721
158	Mercury		ug/dscm		1,158		555		1,092								935
159	Nickel		ug/dscm		347,522		512,801		722,537								527,620
160	Copper		ug/dscm		330,154		17,323		17,440								121,639
161	SVM		ug/dscm		258,796		224,257		231,677								238,244
162	LVM		ug/dscm		383,997		289,098		184,704								285,933

	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	AA	AB	
1	Feedstreams 2																											
2																												
3																												
4	222C1		R1		R2		R3		R1		R2		R3		R1		R2		R3		R1		R2		R3			
5	Feedstream Number		F1		F1		F1		F2		F2		F2		F3		F3		F3		F4		F4		F4			
6	Feed Class		Liq HW		Liq HW		Liq HW		Liq HW		Liq HW		Liq HW		Liq HW		Liq HW		Liq HW		Slurry HW		Slurry HW		Slurry HW			
7	Feed Class 2																											
8	Feedstream Description		High Btu Liq		High Btu Liq		High Btu Liq		Organic Liq		Organic Liq		Organic Liq		Aqueous Liq		Aqueous Liq		Aqueous Liq		Organic Slurry		Organic Slurry		Organic Slurr			
9	Feed Rate	lb/hr	5,012		4,851		4,781		1,817		1,947		1,829		1,341		1,014		997		1,174		767		715			
10	Heating Value	Btu/lb	19,748		19,705		19,663		2,858		3,053		2,717								250		250		250			
11	Ash	wt %	0.007		0.006		0.005		0.16		0.36		0.36		14.2		11.53		11.62		25.7		27.3		29.9			
12	Chlorine	wt %	0.01		0.025		0.01		0.08		0.11		0.1								0.02		0.01		0.01			
13																												
14	Stack Gas Flowrate	dscfm	54938		52947		55821		54938		52947		55821		54938		52947		55821		54938		52947		55821			
15	O2	%	11.3		11.33		11.76		11.3		11.33		11.76		11.3		11.33		11.76		11.3		11.33		11.76			
16																												
17	<i>Feedrate MTEC Calculations</i>																											
18	Ash	mg/dscm	2.5		2.1		1.7		20.4		51.2		47.8		1337.6		854.8		840.8		2119.4		1530.9		1551.5			
19	Chlorine	ug/dscm	3,521		8,866		3,470		10,210		15,658		13,274		0		0		0		1,649		561		519			
20																												
21	222C2		R1		R2		R3		R1		R2		R3		R1		R2		R3		R1		R2		R3			
22	Feedstream Number		F1		F1		F1		F2		F2		F2		F3		F3		F3		F4		F4		F4			
23	Feed Class		Liq HW		Liq HW		Liq HW		Liq HW		Liq HW		Liq HW		Liq HW		Liq HW		Liq HW		Slurry HW		Slurry HW		Slurry HW			
24	Feed Class 2																											
25	Feedstream Description		High Btu Liq		High Btu Liq		High Btu Liq		Organic Liq		Organic Liq		Organic Liq		Aqueous Liq		Aqueous Liq		Aqueous Liq		Organic Slurry		Organic Slurry		Organic Slurr			
26	Feed Rate	lb/hr	4,694		5,090		4,795		4,953		4,720		4,951		5,305		5,153		5,260		10,251		9,906		8,668			
27	Heating Value	Btu/lb	19,770		19,372		16,661		6,120		6,120		6,120								250		250		250			
28	Ash	wt %	0.005		0.005		0.005								9.46		8.65		8.65		24.1		27.4		22.7			
29	Chlorine	wt %	0.07		0.06		0.09		58.7		58.7		58.7								0.05		0.09		0.06			
30																												
31	Stack Gas Flowrate	dscfm	46,967		51,037		57,331		46,967		51,037		57,331		46,967		51,037		57,331		46,967		51,037		57,331			
32	O2	%	10.77		11.39		12.77		10.77		11.39		12.77		10.77		11.39		12.77		10.77		11.39		12.77			
33																												
34	<i>Feedrate MTEC Calculations</i>																											
35	Ash	mg/dscm	2		2		2		0.0		0.0		0.0		3,910		3,402		3,610		19,247		20,715		15,610			
36	Chlorine	ug/dscm	25,599		23,308		34,236		22,650,833		21,145,491		23,056,208		0		0		0		39,931		68,042		41,260			
37																												
38	222C3		R1		R2		R3		R1		R2		R3		R1		R2		R3		R1		R2		R3			
39	Feedstream Number		F1		F1		F1		F2		F2		F2		F3		F3		F3		F4		F4		F4			
40	Feed Class		Liq HW		Liq HW		Liq HW		Liq HW		Liq HW		Liq HW		Liq HW		Liq HW		Liq HW		Slurry HW		Slurry HW		Slurry HW			
41	Feed Class 2																											
42	Feedstream Description		High Btu Liq		High Btu Liq		High Btu Liq		Organic Liq		Organic Liq		Organic Liq		Aqueous Liq		Aqueous Liq		Aqueous Liq		Organic Slurry		Organic Slurry		Organic Slurr			
43	Feed Rate	lb/hr	2,124		2,397		2,383		2,446		2,599		2,667		3,405		3,497		3,577		4,721		4,474		4,888			
44	Heating Value	Btu/lb	19,679		19,476		19,509		3,521		2,808		2,253		7,436		7,346		7,170		250		250		250			
45	Ash	wt %	0.005		0.005		0.005		0.25		0.15		0.14		2.74		2.58		2.92		96.3		95.4		95.6			
46	Chlorine	wt %	0.04		0.02		0.02		2.02		0.62		0.45		0.19		8.34		0.19		0.01		0.02		0.01			
47																												
48	Stack Gas Flowrate	dscfm	57,343		58,203		59,373		57,343		58,203		59,373		57,343		58,203		59,373		57,343		58,203		59,373			
49	Oxygen	%	14.07		14.04		14.3		14.07		14.04		14.3		14.07		14.04		14.3		14.07		14.04		14.3			
50																												
51	<i>Feedrate MTEC Calculations</i>																											
52	Ash	mg/dscm	1.0		1.1		1.1		57.6		36.0		35.1		879		834		983		42,825		39,440		43,972			
53	Chlorine	ug/dscm	8,003		4,430		4,485		465,415		148,898		112,932		60,940		2,694,966		63,952		4,447		8,268		4,600			
54																												
55	222C6		R1		R2		R3		R1		R2		R3		R1		R2		R3		R1		R2		R3			
56																												

	B	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW	AX	AY	AZ	BA	BB
1	Feedstreams 2																								
2																									
3																									
4	222C1	R1	R2	R3	R1	R2	R3	R1	R2	R3	R1	R2	R3	R1	R2	R3	Cond Avg								
5																									
6	Feedstream Number							F5	F5	F5	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
7	Feed Class							Raw Material	Raw Material	Raw Material	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total
8	Feed Class 2	HW	HW	HW				RM	RM	RM	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total
9	Feedstream Description							Materials	Materials	Materials	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total
10	Feed Rate							5,286	6,153	6,247															
11	Heating Value							6,600	600	600															
12	Ash							11.8	11.8	11.8															
13	Chlorine							48.13	48.13	48.13															
14																									
15																									
16	Stack Gas Flowrate							54938	52947	55821	54938	52947	55821												
17	O2							11.3	11.33	11.76	11.3	11.33	11.76												
18																									
19	<i>Feedrate MTEC Calculatic</i>																								
20	Ash	3479.8	2439.0	2441.8	4381.4	5308.2	5349.7	7861.2	7747.2	7791.5	7800.0														
21	Chlorine	15,380	25,085	17,262	17,870,827	21,651,159	21,820,464	17,886,207	21,676,244	21,837,727	20,466,726														
22																									
23	222C2	R1	R2	R3	R1	R2	R3	R1	R2	R3	R1	R2	R3	R1	R2	R3	Cond Avg								
24																									
25	Feedstream Number							F5	F5	F5	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
26	Feed Class							Raw Material	Raw Material	Raw Material	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total
27	Feed Class 2	HW	HW	HW				RM	RM	RM	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total
28	Feedstream Description							Materials	Materials	Materials	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total
29	Feed Rate							7,860	8,057	7,393															
30	Heating Value							250	250	250															
31	Ash							35.8	33.1	33															
32	Chlorine							0.01	0.01	0.01															
33																									
34	Stack Gas Flowrate							46,967	51,037	57,331															
35	O2							10.77	11.39	12.77															
36																									
37	<i>Feedrate MTEC Calculatic</i>																								
38	Ash	23,159	24,119	19,221	21,922	20,353	19,355	45,081	44,472	38,576	42,710														
39	Chlorine	22,716,363	21,236,841	23,131,704	6,124	6,149	5,865	22,722,487	21,242,991	23,137,569	22,367,682														
40																									
41	222C3	R1	R2	R3	R1	R2	R3	R1	R2	R3	R1	R2	R3	R1	R2	R3	Cond Avg								
42																									
43	Feedstream Number							F5	F5	F5	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
44	Feed Class							Raw Material	Raw Material	Raw Material	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total
45	Feed Class 2	HW	HW	HW				RM	RM	RM	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total
46	Feedstream Description							Materials	Materials	Materials	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total
47	Feed Rate							5,918	5,881	5,986															
48	Heating Value							6,600	6,600	6,600															
49	Ash							11.8	11.8	11.8															
50	Chlorine							48.13	48.13	48.13															
51																									
52	Stack Gas Flowrate							57,343	58,203	59,373															
53	Oxygen							14.07	14.04	14.3															
54																									
55	<i>Feedrate MTEC Calculatic</i>																								
56	Ash	43,762	40,311	44,991	6,578	6,412	6,647	50,340	46,723	51,637	49,567														
57	Chlorine	538,805	2,856,562	185,969	26,830,167	26,155,235	27,110,341	27,368,972	29,011,798	27,296,310	27,892,360														
58																									
59	222C6	R1	R2	R3	R1	R2	R3	Cond Avg																	
60																									

	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	AA	AB	
1	Feedstream Number				F1	F1	F1	F1	F2	F2	F2	F2	F2	F2	F3	F3	F3	F3	F3	F3	F3	F4	F4	F4	F4	F4	F4	
2	Feed Class				Liq HW	Liq HW	Liq HW	Liq HW	Liq HW	Liq HW	Liq HW	Liq HW	Liq HW	Liq HW	Liq HW	Liq HW	Liq HW	Liq HW	Liq HW	Liq HW	Liq HW	Slurry HW	Slurry HW	Slurry HW	Slurry HW	Slurry HW	Slurry HW	
3	Feed Class 2																											
4	Feedstream Description				High Btu Liq	High Btu Liq	High Btu Liq	High Btu Liq	Organic Liq	Organic Liq	Organic Liq	Organic Liq	Organic Liq	Organic Liq	Aqueous Liq	Aqueous Liq	Aqueous Liq	Aqueous Liq	Aqueous Liq	Aqueous Liq	Aqueous Liq	Organic Slurry	Organic Slurry	Organic Slurry	Organic Slurry	Organic Slurry		
5	Feed Rate	lb/hr			3,754	3,851	4,671	4,671	4,861	4,875	4,876	4,876	4,876	4,876	10,052	9,767	9,192	9,192	9,192	9,192	9,192	10,035	10,036	10,036	10,036	9,724		
6	Heating Value	Btu/lb			18,938	19,251	19,244	19,244	6,042	6,042	6,042	6,042	6,042	6,042	281	250	250	250	250	250	250	920	678	678	678	250		
7	Ash	wt %			0.07	0.06	0.07	0.07							27.5	31	49.3	49.3	49.3	49.3	49.3	20.7	21.9	21.9	21.9	29		
8	Chlorine	wt %			1.95	1.55	1.25	1.25	56.6	56.6	56.6	56.6	56.6	56.6	0.49	0.2	0.18	0.18	0.18	0.18	0.18	1.85	1.48	1.48	1.48	0.31		
9																												
0	Stack Gas Flowrate	dscfm			56121	57866	56490	56121	57866	56490	56121	57866	56490	56121	57866	56490	56121	57866	56490	56121	57866	56490	56121	57866	56490	56121	57866	
1	O2	%			13.69	14	13.68	13.68	13.69	14	13.68	13.69	14	13.68	13.69	14	13.68	13.69	14	13.68	13.69	13.69	14	14	14	13.68		
2																												
3	<i>Feedrate MTEC Calculations</i>																											
4	Ash	mg/dscm			24.0	21.4	29.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25,223	27,980	41,022	18,954	20,311	25,527								
5	Chlorine	ug/dscm			667,932	551,607	528,547	25,104,147	25,498,566	24,982,947	449,420	180,516	149,777	1,693,919	1,372,610	272,879												
6																												
7	222B3				R1	R2	R3	R1	R2	R3	R1	R2	R3	R1	R2	R3	R1	R2	R3	R1	R2	R3	R1	R2	R3	R1	R2	R3
8																												
9	Feedstream Number				F1	F1	F1	F1	F2	F2	F2	F2	F2	F2	F3	F3	F3	F3	F3	F3	F3	F4	F4	F4	F4	F4	F4	
0	Feed Class				Liq HW	Liq HW	Liq HW	Liq HW	Liq HW	Liq HW	Liq HW	Liq HW	Liq HW	Liq HW	Liq HW	Liq HW	Liq HW	Liq HW	Liq HW	Liq HW	Liq HW	Slurry HW	Slurry HW	Slurry HW	Slurry HW	Slurry HW	Slurry HW	
1	Feed Class 2																											
2	Feedstream Description				High Btu Liq	High Btu Liq	High Btu Liq	High Btu Liq	Organic Liq	Organic Liq	Organic Liq	Organic Liq	Organic Liq	Organic Liq	Aqueous Liq	Aqueous Liq	Aqueous Liq	Aqueous Liq	Aqueous Liq	Aqueous Liq	Aqueous Liq	Organic Slurry	Organic Slurry	Organic Slurry	Organic Slurry	Organic Slurry		
3	Chlorine	lb/hr																										
4	Arsenic	g/hr																										
5	Beryllium	g/hr																										
6	Cadmium	g/hr																										
7	Chromium	g/hr																										
8	Lead	g/hr																										
9	Mercury	g/hr																										
0	Nickel	g/hr																										
1																												
2	Stack Gas Flowrate	dscfm																										
3	O2	%																										
4																												
5	<i>Feedrate MTEC Calculations</i>																											
6	Chlorine	ug/dscm																										
7	Arsenic	ug/dscm																										
8	Beryllium	ug/dscm																										
9	Cadmium	ug/dscm																										
0	Chromium	ug/dscm																										
1	Lead	ug/dscm																										
2	Mercury	ug/dscm																										
3	Nickel	ug/dscm																										
4	SVM	ug/dscm																										
5	LVM	ug/dscm																										

	B	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW	AX	AY	AZ	BA	BB
61	Feedstream Number							F5	F5	F5	F5	F5	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
62	Feed Class							Raw Material	Raw Material	Raw Material	Raw Material	Raw Material	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total
63	Feed Class 2	HW		HW		HW		RM	RM	RM	RM	RM	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total
64	Feedstream Description							Materials	Materials	Materials	Materials	Materials	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total
65	Feed Rate																								
66	Heating Value																								
67	Ash																								
68	Chlorine																								
69																									
70	Stack Gas Flowrate																								
71	O2																								
72																									
73	<i>Feedrate MTEC Calculatic</i>																								
74	Ash	44,200		48,312		66,579		44,200	48,312	66,579		53,031													
75	Chlorine	27,915,418		27,603,299		25,934,151		27,915,418	27,603,299	25,934,151		27,150,956													
76																									
77	222B3	R1		R2		R3		R1	R2	R3		R1	R2	R3	R4	R5	R6								Cond Avg
78																									
79	Feedstream Number							F5	F5	F5	F5	F5	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
80	Feed Class							Raw Material	Raw Material	Raw Material	Raw Material	Raw Material	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total
81	Feed Class 2												Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total
82	Feedstream Description							Materials	Materials	Materials	Materials	Materials	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total
83	Chlorine											600	600	600	600	600	600	600	600	600	600	600	600	600	600
84	Arsenic																		1059	83.9		1020			
85	Beryllium																		0.0196	0.0175		0.0198			
86	Cadmium																		76.3	74.4		97.5			
87	Chromium																		675	857		1061			
88	Lead																		7131	7489		8373			
89	Mercury																		15.1	16.7		7			
90	Nickel																		17.1	17.1		17.9			
91																									
92	Stack Gas Flowrate																			55864	55451		55431		
93	O2																			12.92	13.42		13.23		
94																									
95	<i>Feedrate MTEC Calculatic</i>																								
96	Chlorine											4,975,699	5,343,415	5,214,633											5,177,915
97	Arsenic																			19,344	1,646		19,526		13,505
98	Beryllium																			0	0		0		0
99	Cadmium																			1,394	1,459		1,866		1,573
100	Chromium																			12,330	16,811		20,311		16,484
101	Lead																			130,256	146,905		160,287		145,816
102	Mercury																			276	328		134		246
103	Nickel																			312	335		343		330
104	SVM																			131,650	148,364		162,153		147,389
105	LVM																			31,674	18,457		39,838		29,990

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	Process Information														
2															
3															
4	222C10	Run 1							Run 2						
5	Time	16:01:59	17:02:00	18:02:00	19:10:59	20:01:59	R1 Avg	9:01:59	10:01:59	11:02:00	12:01:59	13:02:00	R2 Avg		
6	Kiln Outlet Temperature	°F	1960	1955	1917	0:00:00	1875	1928.6	1945	1920	1890	1932	1915	1920.4	
7	Temperature After Secondary RFG	°F	1853	1806	1745	1768	1726	1779.6	1773	1774	1766	1792	1738	1768.6	
8	Boiler Inlet Temp	°F	1465	1445	1437	1436	1442	1445	1427	1422	1477	1441	1439	1441.2	
9	Spray Dryer Inlet Temperature	°F	724	722	704	689	680	703.8	694	705	703	714	711	705.4	
10	Spray Dryer Outlet Temperature	°F	402	401	399	399	399	400	401	400	399	399	400	399.8	
11	Stack Temperature	°F	199	199	200	201	201	200	199	200	200	200	199	199.6	
12	Stack THC	ppm	0	0	0	0	0	0	0	0	0	0	0	0	
13	Stack Dry O2	%	13.4	13.2	14.1	13.7	14.1	13.7	13.5	13.5	14.6	13.2	13.5	13.66	
14	3 Hour Avg Heat Release	MMBtu/hr			93	91	91	91.66667			91	89	88	89.33333	
15	CO 1 Hour Avg	lb/MMBtu	0	0	0	0	0	0	0	0	0	0	0	0	
16															
17															
18	222C11	Run 1							Run 2						
19	Time	14:00:00	15:00:00	16:00:00	17:00:00	18:00:00	R1 Avg	10:00:00	11:00:00	12:00:00	13:00:00	14:00:00	R2 Avg		
20	Kiln Temperature	°F	1882.53	1838.63	1919.13	1941.91	1897.75	1895.99	1928.38	1861.41	1892.06	1915.56	1904.16	1900.314	
21	SCC Temperature	°F	1705.78	1669.78	1670.5	1678.34	1687.22	1682.324	1649.09	1634.13	1655.13	1672.66	1673.34	1656.87	
22	Boiler Temp/Tertiary Air Controller	°F	1425.28	1404.13	1443.91	1446.78	1488.69	1441.758	1469.19	1470.81	1456.72	1451.84	1459.97	1461.706	
23	SDA Inlet Temperature	°F	657.08	650.55	658.95	654.67	657.08	655.666	765.69	759.19	767.45	765.58	773.83	766.348	
24	SDA Outlet Temperature Controller	°F	385.16	383.58	389.95	384.18	384.77	385.528	379.75	385.23	393.48	383.13	386.42	385.602	
25															
26															
27	222C12	Run 1							Run 2						
28	Time	15:42:00	16:49:00	17:56:00	19:03:00	20:10:00	R1 Avg	9:30:00	10:33:30	11:37:00	12:40:30	13:44:00	R2 Avg		
29	Kiln Temperature	°F	1837.906	1874.969	1927.656	1863.56	1997.25	1900.269	1908.188	1904.875	1872.563	1840.75	1860	1877.275	
30	SCC Temperature	°F	1671.938	1733.594	1745.438	1722.875	1776.125	1729.994	1741.438	1752.563	1713.625	1694.344	1709.344	1722.263	
31	Boiler Temp/Tertiary Air Controller	°F	1381.375	1518.531	1525.031	1471.344	1635.625	1506.381	1406.313	1450.75	1421.125	1417.156	1444.781	1428.025	
32	SDA Inlet Temperature	°F	796	927.2656	928.5156	884.9688	939.6563	895.2813	782.7031	818.9063	811.9844	813.625	823.1563	810.075	
33	SDA Outlet Temperature Controller	°F	403.3281	403.2422	397.4609	404.6016	404.9063	402.7078	398.75	401	403.0234	396.4141	399.875	399.8125	
34															
35															
36	222C13	Run 1 11/13/00							Run 2 11/14/00						
37	Time	14:09:00	15:15:45	16:22:30	17:29:15	18:36:00	R1 Avg	8:38:00	9:54:30	11:11:00	12:27:30	13:44:00	R2 Avg		
38	Kiln Temperature	°F	1865.69	1864.97	1887.78	1907.72	1873.53	1879.938	1875.66	1887.06	1899.88	1871.41	1892.06	1885.214	
39	SCC Temperature	°F	1701.5	1717.59	1750.72	1757.56	1773.97	1740.268	1722.19	1744.28	1757.56	1760.69	1790.66	1755.076	
40	Boiler Temp/Tertiary Air Controller	°F	1402.31	1413.16	1427.63	1489.44	1445.69	1435.646	1409	1436.66	1441.53	1453.47	1428.53	1433.838	
41	SDA Inlet Temperature	°F	791	804.36	814.5	820.28	842.03	814.434	862.8	865.94	868.33	866.45	878.33	868.37	
42	SDA Outlet Temperature Controller	°F	403.1	364.8	396.64	393.49	395.89	390.784	387.93	394.99	391.7	390.34	383.59	389.71	

	B	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD
1	Process Information														
2	9														
3															
4	Run 3							Run 4							
5	Time	14:01:59	15:01:59	16:02:00	17:01:59	18:01:59	R3 Avg	9:01:59	10:01:59	11:01:59	12:01:59	13:01:59	R4 Avg	14:01:59	15:01:59
6	Kiln Outlet Temperature	1947	1915	1946	1936	1885	1925.8	1940	1907	1961	1941	1945	1938.8	1956	1945
7	Temperature After Secondary RFG	1800	1748	1787	1774	1751	1772	1784	1766	1838	1826	1824	1807.6	1836	1832
8	Boiler Inlet Temp	1445	1446	1457	1446	1445	1447.8	1454	1444	1460	1443	1460	1452.2	1450	1449
9	Spray Dryer Inlet Temperature	717	716	713	718	718	716.4	708	709	709	712	712	710	716	717
10	Spray Dryer Outlet Temperature	401	398	401	400	398	399.6	399	399	401	399	401	399.8	400	401
11	Stack Temperature	200	201	201	202	202	201.2	200	202	203	203	203	202.2	203	203
12	Stack THC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Stack Dry O2	13.2	13.9	13.4	13.2	14.1	13.56	13.1	14.2	13.9	13.5	13.4	13.62	13.4	13.9
14	3 Hour Avg Heat Release			91	93	93	92.33333						92		
15	CO 1 Hour Avg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16															
17															
18	Run 3							Run 4							
19	Time	15:00:00	16:00:00	17:00:00	18:00:00		R3 Avg	9:00	10:00	11:00	12:00	13:00	R4 Avg	14:00	15:00
20	Kiln Temperature	1924.81	1923.41	1927.66	1923.41		1924.823	1910.56	1943.56	1943.34	1983.22	1930.5	1942.236	1960.44	1861.88
21	SCC Temperature	1704.75	1737.88	1708.63	1706.19		1714.363	1711.19	1718.31	1772.81	1742.88	1742.88	1737.614	1798.94	1761.84
22	Boiler Temp/Tertiary Air Controller	1425.28	1404.66	1342.88	1342.31		1378.783	1463.22	1460.5	1499.53	1479.5	1467.56	1474.062	1548.34	1447.5
23	SDA Inlet Temperature	779.33	779.83	765.58	776.22		775.24	723.91	714.14	714.27	728.36	730.72	722.28	751.19	728.78
24	SDA Outlet Temperature Controller	385.69	390.48	391.53	384.63		388.0825	380.57	384.03	384.63	384.85	385.39	383.894	384.09	382.76
25															
26															
27	Run 3							Run 4							
28	Time	14:35:00	15:41:45	16:48:30	17:55:15	19:02:00	R3 Avg	9:54:00	11:00:45	12:07:30	13:14:15	14:21:00	R4 Avg	16:02:00	17:07:00
29	Kiln Temperature	1884.938	1844.313	1848.594	1906.281	1897.75	1876.375	1857.844	1872.094	1854.281	1858.563	1900.594	1868.675	1832.656	1885.625
30	SCC Temperature	1725.75	1747.156	1715.75	1700.781	1740.438	1725.975	1743.281	1738.594	1738.281	1731.875	1749	1740.206	1737.594	1753.563
31	Boiler Temp/Tertiary Air Controller	1492.5	1430.5	1470.281	1495.75	1525.938	1482.994	1537.5	1523.563	1564.219	1517.969	1537.565	1536.163	1528.813	1592.25
32	SDA Inlet Temperature	850.7969	823.5313	819.7813	819.0156	861.6719	834.9594	903.625	885.8281	901.5	880	869.5938	888.1094	887.4531	919.375
33	SDA Outlet Temperature Controller	392.8203	394.3906	396.7266	404.9844	402.6484	398.3141	394.7344	398.6797	396.2656	403.8516	403.0156	399.3094	397.5469	392.7422
34															
35															
36	Run 3 11/14/00							Run 4 11/15/00							
37	Time	14:48:00	15:56:30	17:05:00	18:13:30	19:22:00	R3 Avg	8:13:00	9:19:00	10:25:00	11:31:00	12:37:00	R4 Avg	13:15:00	14:17:30
38	Kiln Temperature	1917.69	1978.25	2046.63	1859.28	1870.69	1934.508	2018.13	2004.38	2002.47	2080.81	1915.56	2004.27	1951.16	1962.56
39	SCC Temperature	1742.88	1756.41	1833.19	1772.81	1784.69	1777.996	1818.94	1817.5	1981.84	1910.97	1747.84	1855.418	1769.25	1813.5
40	Boiler Temp/Tertiary Air Controller	1455.09	1447.16	1560.97	1451.84	1441.53	1471.318	1481.13	1502.97	1571.25	1562.44	1405.22	1504.602	1450.75	1496.28
41	SDA Inlet Temperature	875.7	878.58	918.52	894.36	899.48	893.328	705.02	730.28	778.59	761.33	737.41	742.526	755.31	774.47
42	SDA Outlet Temperature Controller	407.23	384.34	453.87	387.63	391.09	404.832	391.09	388.68	352.95	391.39	394.54	383.73	392.14	386.73

	B	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	
1	Process Information												
2													
3													
4	222C10	Run 5					Cond Avg						
5	Time	16:01:59	17:01:59	18:01:59	R5 Avg								
6	Kiln Outlet Temperature	1936	1955	1863	1931	1928.92							
7	Temperature After Secondary RFG	1823	1843	1742	1815.2	1788.6							
8	Boiler Inlet Temp	1446	1459	1440	1448.8	1447							
9	Spray Dryer Inlet Temperature	718	731	704	717.2	710.56							
10	Spray Dryer Outlet Temperature	399	401	399	400	399.84							
11	Stack Temperature	204	201	201	202.4	201.08							
12	Stack THC	0	0	0	0	0							
13	Stack Dry O2	13	13.1	13.1	13.3	13.568							
14	3 Hour Avg Heat Release					94	91.86667						
15	CO 1 Hour Avg	0	0	0	0	0							
16													
17													
18	222C11	Run 5					Cond Avg						
19	Time	16:00	17:00	18:00	R5 Avg								
20	Kiln Temperature	1945.47	1897.75	1982.28	1929.564	1918.585							
21	SCC Temperature	1766.84	1796.81	1790.38	1782.962	1714.827							
22	Boiler Temp/Tertiary Air Controller	1488.69	1524.13	1522.31	1506.194	1452.501							
23	SDA Inlet Temperature	747.27	753.81	771.2	750.45	733.9968							
24	SDA Outlet Temperature Controller	389.66	385.76	385.83	385.62	385.7453							
25													
26													
27	222C12	Run 5					Cond Avg						
28	Time	18:12:00	19:17:00	20:22:00	R5 Avg								
29	Kiln Temperature	1894.656	1829.375	1932.406	1874.944	1879.508							
30	SCC Temperature	1752.125	1747.156	1746.156	1747.319	1733.151							
31	Boiler Temp/Tertiary Air Controller	1566.219	1475.156	1546.156	1541.719	1499.056							
32	SDA Inlet Temperature	886.4531	831.7656	850.5625	875.1219	860.7094							
33	SDA Outlet Temperature Controller	393.75	390.5625	394.8438	393.8891	398.8066							
34													
35													
36	222C13	Run 5 11/15/00					Run 6 11/16/00						
37	Time	15:20:00	16:22:30	17:25:00	R5 Avg		8:12:00	9:14:00	10:16:00	11:18:00	12:20:00	R6 Avg	Cond Avg
38	Kiln Temperature	1924.09	1924.09	1914.13	1935.206	1908.91	1924.09	1908.44	1908.44	1885.38	1907.052	1924.365	
39	SCC Temperature	1739.28	1742.56	1772.81	1767.48	1828.91	1854.88	1893.38	1778.97	1821.06	1835.44	1788.613	
40	Boiler Temp/Tertiary Air Controller	1428.69	1419.31	1461.41	1451.288	1506.59	1549.03	1550.66	1458.53	1479.66	1508.894	1467.598	
41	SDA Inlet Temperature	769.95	775.08	795.73	774.108	871.2	882	887.58	838.28	858.3	867.472	826.7063	
42	SDA Outlet Temperature Controller	393.86	387.93	390.03	390.138	389.69	391.7	388.34	407.23	406.41	396.674	392.6447	

	C	D	E	F	G	H	I	J	K	L
1	Process Information 2									
2										
3	222C1		Run 1	Run 2	Run 3					
4										
5	Kiln Temperature	F	2168	2197	2156					
6	WS Temperature	F	176	175	178					
7	ESP Temperature	F	420	400	413					
8	Boiler Exit Temperature	F	720	683	689					
9	WS Pressure Drop	in H2O	28.8	28.2	28.7					
10	WS pH		9.1	8.7	8.5					
11										
12	222C2		Run 1	Run 2	Run 3					
13										
14	Kiln Temperature	F	1810	1800	1796					
15	WS Temperature	F	179	180	176					
16	ESP Temperature	F	380	380	394					
17	Boiler Exit Temperature	F	625	620	605					
18	WS Pressure Drop	in H2O	27.6	28.6	30.2					
19	WS pH		8.9	8.6	8.7					
20										
21	222C3		Run 1	Run 2	Run 3					
22										
23	Kiln Temperature	F	1835	1828	1847					
24	WS Temperature	F	168	173	171					
25	ESP Temperature	F	379	380	380					
26	Boiler Exit Temperature	F	607	634	620					
27	WS Pressure Drop	in H2O	28.1	28.2	28.5					
28	WS pH		8.3	8	9.4					
29										
30	222C4		Run 1	Run 2	Run 3	Run 4	Run 5			
31										
32	Afterburner Temperature	F	2245	2218	2182	2186	2153			
33	ESP Temperature	F	379	389	380	381	380			
34										
35	222C5		Run 1	Run 2	Run 3	Run 4	Run 5	Run 6	Run 7	Run 8
36										
37	ESP Temperature	F	383	383	383	383	383	383	383	383
38										
39	222C6		Run 1	Run 2	Run 3	Run 4				
40										
41	Afterburner Temperature	F	1740	1835	1843	1824				
42	Kiln Temperature	F	1596	1626	1666	1726				
43	WS Temperature	F	171	177	174	178				
44	ESP Temperature	F	356	346	364	370				
45	Boiler Exit Temperature	F	677	672	673	648				
46	WS Pressure Drop	in H2O	27	28	28	28				
47	ESP Power	kVA	59	62.7	55.4	61.9				
48	WS pH		8	8	8	8				
49										
50	222C7		Run 1	Run 2	Run 3	Run 4	Run 5			
51										
52	ESP Temperature	F	383	383	383	383	383			

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
1	PCDD/PCDF																		
2	N																		
3	Facility Name and ID:		WTI																
4	Condition ID:		222C10																
5	Condition/Test Date:		1997 Performance Test																
6																			
7																			
8	I-TEF		Run 1				Run 2				Run 3								
9	Wght Fact		Total	TEQ	Total	TEQ	Total	TEQ	Total	TEQ	Total	TEQ	Total	TEQ	Total	TEQ	Total	TEQ	
10	Detected in sample volume (pg)		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	Full ND	Full ND	1/2 ND	1/2 ND	
11	2,3,7,8-TCDD	1	nd	1.2	1.20	0.60	0.60	nd	1.2	1.20	0.60	0.60	nd	2.2	2	1	1	nd	
12	Total TCDD	0		3.7	0	4	0		3	0.00	3	0.00		62	0	62	0		
13	1,2,3,7,8-PCDD	0.5		1.8	0.90	1.80	0.90		2	1.00	2.00	1.00		7.9	4	8	4		
14	Total PCDD	0		21	0	21	0		20	0.00	20	0.00		88	0	88	0		
15	1,2,3,4,7,8-HxCDD	0.1		2.1	0.21	2.10	0.21		2.1	0.21	2.10	0.21		5.8	1	6	1		
16	1,2,3,6,7,8-HxCDD	0.1		3.2	0.32	3.20	0.32		2.9	0.29	2.90	0.29		7.6	1	8	1		
17	1,2,3,7,8,9-HxCDD	0.1		2.3	0.23	2.30	0.23		1.9	0.19	1.90	0.19		6.3	1	6	1		
18	Total HxCDD	0		30	0	30	0		29	0.00	29	0.00		78	0	78	0		
19	1,2,3,4,6,7,8-HpCDD	0.01		18	0.18	18.00	0.18		20	0.20	20.00	0.20		34	0	34	0		
20	Total HpCDD	0		39	0	39	0		40	0.00	40	0.00		67	0	67	0		
21	OCDD	0.001		85	0.09	85.00	0.09		94	0.09	94	0.09		87	0	87	0		
22	2,3,7,8-TCDF	0.1		3.7	0.37	3.70	0.37		3.7	0.37	4	0.37		13	1	13	1		
23	Total TCDF	0		180	0	180	0		200	0.00	200	0.00		840	0	840	0		
24	1,2,3,7,8-PCDF	0.05		9	0.45	9	0.45		11	0.55	11	0.55		32	2	32	2		
25	2,3,4,7,8-PCDF	0.5		10	5	10	5		12	6.00	12	6.00		26	13	26	13		
26	Total PCDF	0		210	0	210	0		240	0.00	240	0.00		650	0	650	0		
27	1,2,3,4,7,8-HxCDF	0.1		24	2	24	2		30	3.00	30	3.00		50	5	50	5		
28	1,2,3,6,7,8-HxCDF	0.1		21	2	21	2		25	2.50	25	2.50		44	4	44	4		
29	2,3,4,6,7,8-HxCDF	0.1		29	3	29	3		36	3.60	36	3.60		44	4	44	4		
30	1,2,3,7,8,9-HxCDF	0.1		6.3	1	6	1		7	0.70	7	0.70		11	1	11	1		
31	Total HxCDF	0		250	0	250	0		300	0.00	300	0.00		480	0	480	0		
32	1,2,3,4,6,7,8-HpCDF	0.01		120	1	120	1		150	1.50	150	1.50		160	2	160	2		
33	1,2,3,4,7,8,9-HpCDF	0.01		13	0.13	13	0.13		15	0.15	15	0.15		17	0	17	0		
34	Total HpCDF	0		180	0	180	0		210	0.00	210	0.00		220	0	220	0		
35	OCDF	0.001		52	0.05	52	0.05		60	0.06	60	0.06		47	0	47	0		
36																			
37	Gas sample volume (dscf)			160.54	160.54	160.54			164.99	164.99	164.99			165.66	165.66	165.66			
38	O2 (%)			14.31	14.31	14.31			13.78	13.78	13.78			13.55	13.55	13.55			
39																			
40	PCDD/PCDF (ng in sample)			0.018	1.1	0.018			0.022	1.2	0.021			0.04	2.6	0.04			
41	PCDD/PCDF (ng/dscm @ 7% O2)		6.5	0.0085	0.484	0.0082	5.6		0.0090	0.50	0.0087	5.3		0.0165	1.05	0.0161	6.6		
42																			
43	TEQ Cond Avg		0.0106																
44	Total Cond Avg		0.6518																
45																			
46																			
47	PCDD/PCDF (ng/dscm@7%O2 with nd as 0)			0.0079027	Agrees	0.0079027			0.008478	Agrees	0.008478			0.015618	Agrees	0.015618			

	T	U	V	W	X	Y	Z	AA	AB
1									
2									
3									
4									
5									
6									
7		Run 4				Run 5			
8	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	
10									
11	1.3	1	1	1	nd	1.5	2	1	1
12	3.3	0	3	0		53	0	53	0
13	1.9	1	2	1		3.8	2	4	2
14	22	0	22	0		65	0	65	0
15	1.7	0	2	0		2.9	0	3	0
16	2.8	0	3	0		4.3	0	4	0
17	2.1	0	2	0		2.9	0	3	0
18	27	0	27	0		50	0	50	0
19	16	0	16	0		17	0	17	0
20	33	0	33	0		37	0	37	0
21	73	0	73	0		51	0	51	0
22	4.5	0	5	0		11	1	11	1
23	260	0	260	0		680	0	680	0
24	12	1	12	1		20	1	20	1
25	12	6	12	6		26	13	26	13
26	270	0	270	0		440	0	440	0
27	28	3	28	3		33	3	33	3
28	22	2	22	2		28	3	28	3
29	25	3	25	3		35	4	35	4
30	6.2	1	6	1		8.8	1	9	1
31	270	0	270	0		320	0	320	0
32	110	1	110	1		110	1	110	1
33	11	0	11	0		11	0	11	0
34	160	0	160	0		140	0	140	0
35	39	0	39	0		32	0	32	0
36									
37		162.876	162.876	163		160.141	160.141	160	
38		13.69	13.69	13.69		13.28	13.28	13.28	
39									
40		0.02	1.2	0.02		0.03	1.9	0.03	
41		0.01	0.48	0.01	4.8	0.01	0.75	0.01	
42									
43									
44									
45									
46									
47		0.007588 Agrees		0.007588		0.011986 Agrees		0.011986	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
1	PCDD/PCDF																		
2	N																		
3	Facility Name and ID:		WTI																
4	Condition ID:		222C11																
5	Condition/Test Date:		1998 Performance Test																
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	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	Full ND	Full ND	1/2 ND	1/2 ND	
10	Detected in sample volume (pg)																		
11	2,3,7,8-TCDD		1	53	53.00	53.00	53.00	40	40.00	40.00	40.00	23	23	23	23				
12	Total TCDD		0	1500	0	1500	0	1100	0.00	1100	0.00	720	0	720	0				
13	1,2,3,7,8-PCDD		0.5	93	46.50	93.00	46.50	76	38.00	76.00	38.00	44	22	44	22				
14	Total PCDD		0	1800	0	1800	0	1100	0.00	1100	0.00	660	0	660	0				
15	1,2,3,4,7,8-HxCDD		0.1	62	6.20	62.00	6.20	69	6.90	69.00	6.90	49	5	49	5				
16	1,2,3,6,7,8-HxCDD		0.1	120	12.00	120.00	12.00	76	7.60	76.00	7.60	58	6	58	6				
17	1,2,3,7,8,9-HxCDD		0.1	51	5.10	51.00	5.10	40	4.00	40.00	4.00	39	4	39	4				
18	Total HxCDD		0	2400	0	2400	0	1000	0.00	1000	0.00	770	0	770	0				
19	1,2,3,4,6,7,8-HpCDD		0.01	360	3.60	360.00	3.60	250	2.50	250.00	2.50	280	3	280	3				
20	Total HpCDD		0	840	0	840	0	580	0.00	580	0.00	640	0	640	0				
21	OCDD		0.001	230	0.23	230.00	0.23	660	0.66	660	0.66	860	1	860	1				
22	2,3,7,8-TCDF		0.1	600	60.00	600.00	60.00	460	46.00	460	46.00	270	27	270	27				
23	Total TCDF		0	34000	0	34000	0	27000	0.00	27000	0.00	12000	0	12000	0				
24	1,2,3,7,8-PCDF		0.05	840	42.00	840	42.00	990	49.50	990	49.50	400	20	400	20				
25	2,3,4,7,8-PCDF		0.5	750	375	750	375	740	370.00	740	370.00	460	230	460	230				
26	Total PCDF		0	21000	0	21000	0	28000	0.00	28000	0.00	9900	0	9900	0				
27	1,2,3,4,7,8-HxCDF		0.1	1100	110	1100	110	1800	180.00	1800	180.00	780	78	780	78				
28	1,2,3,6,7,8-HxCDF		0.1	960	96	960	96	1600	160.00	1600	160.00	710	71	710	71				
29	2,3,4,6,7,8-HxCDF		0.1	580	58	580	58	780	78.00	780	78.00	560	56	560	56				
30	1,2,3,7,8,9-HxCDF		0.1	100	10	100	10	170	17.00	170	17.00	140	14	140	14				
31	Total HxCDF		0	11000	0	11000	0	20000	0.00	20000	0.00	8100	0	8100	0				
32	1,2,3,4,6,7,8-HpCDF		0.01	1800	18	1800	18	4400	44.00	4400	44.00	3000	30	3000	30				
33	1,2,3,4,7,8,9-HpCDF		0.01	100	1.00	100	1.00	390	3.90	390	3.90	370	4	370	4				
34	Total HpCDF		0	2500	0	2500	0	6800	0.00	6800	0.00	4800	0	4800	0				
35	OCDF		0.001	150	0.15	150	0.15	1400	1.40	1400	1.40	1600	2	1600	2				
36																			
37	Gas sample volume (dscf)				176.291	176.291	176.291		183.437	183.437	183.437		184.9	184.9	184.9				
38	O2 (%)				14	14	14		14.4	14.4	14.4		14.1	14.1	14.1				
39																			
40	PCDD/PCDF (ng in sample)				0.897	75.4	0.897		1.049	87.6	1.049		0.59	40.1	0.59				
41	PCDD/PCDF (ng/dscm @ 7% O2)		0.0		0.3595	30.234	0.3595	0.0	0.4288	35.81	0.4288	0.0	0.2305	15.53	0.2305	0.0			
42																			
43	TEQ Cond Avg		0.2419																
44	Total Cond Avg		19.0341																

	T	U	V	W	X	Y	Z	AA	AB	
1										
2										
3										
4										
5										
6										
7										
8		Run 4					Run 5			
9	Total	TEQ	Total	TEQ		Total	TEQ	Total	TEQ	
10	Full ND	Full ND	1/2 ND	1/2 ND		Full ND	Full ND	1/2 ND	1/2 ND	
11	13	13	13	13		17	17	17	17	
12	410	0	410	0		530	0	530	0	
13	21	11	21	11		24	12	24	12	
14	320	0	320	0		390	0	390	0	
15	16	2	16	2		18	2	18	2	
16	22	2	22	2		26	3	26	3	
17	12	1	12	1		12	1	12	1	
18	310	0	310	0		370	0	370	0	
19	62	1	62	1		65	1	65	1	
20	150	0	150	0		160	0	160	0	
21	80	0	80	0		76	0	76	0	
22	150	15	150	15		200	20	200	20	
23	7000	0	7000	0		8900	0	8900	0	
24	170	9	170	9		210	11	210	11	
25	210	105	210	105		240	120	240	120	
26	4200	0	4200	0		5300	0	5300	0	
27	240	24	240	24		280	28	280	28	
28	210	21	210	21		250	25	250	25	
29	150	15	150	15		180	18	180	18	
30	31	3	31	3		32	3	32	3	
31	2400	0	2400	0		2800	0	2800	0	
32	540	5	540	5		580	6	580	6	
33	44	0	44	0		39	0	39	0	
34	800	0	800	0		830	0	830	0	
35	96	0	96	0		97	0	97	0	
36										
37		179.753	179.753	180		191.311	191.311	191		
38		14	14	14		14.2	14.2	14.2		
39										
40		0.23	15.8	0.23		0.27	19.5	0.27		
41		0.09	6.20	0.09	0.0	0.10	7.40	0.10		
42										
43										
44										

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
1	PCDD/PCDF																		
2	N																		
3	Facility Name and ID:		WTI																
4	Condition ID:		222C12																
5	Condition/Test Date:		1999 Performance Test																
6																			
7	I-TEF																		
8	Wght Fact																		
9																			
10	Detected in sample volume (pg)																		
11	2,3,7,8-TCDD	1						nd	5.60E+00	5.60	2.80	2.80	nd	4.20E+00	4	2	2	nd	
12	Total TCDD	0							70	0.00	70	0.00		41	0	41	0		
13	1,2,3,7,8-PCDD	0.5							18	9.00	18.00	9.00		9.5	5	10	5		
14	Total PCDD	0							190	0.00	190	0.00		92	0	92	0		
15	1,2,3,4,7,8-HxCDD	0.1							17	1.70	17.00	1.70		8.9	1	9	1		
16	1,2,3,6,7,8-HxCDD	0.1							23	2.30	23.00	2.30		14	1	14	1		
17	1,2,3,7,8,9-HxCDD	0.1							17	1.70	17.00	1.70		8.9	1	9	1		
18	Total HxCDD	0							230	0.00	230	0.00		150	0	150	0		
19	1,2,3,4,6,7,8-HpCDD	0.01							89	0.89	89.00	0.89		47	0	47	0		
20	Total HpCDD	0							180	0.00	180	0.00		99	0	99	0		
21	OCDD	0.001							220	0.22	220	0.22		93	0	93	0		
22	2,3,7,8-TCDF	0.1							29	2.90	29	2.90		18	2	18	2		
23	Total TCDF	0							1400	0.00	1400	0.00		980	0	980	0		
24	1,2,3,7,8-PCDF	0.05							110	5.50	110	5.50		70	4	70	4		
25	2,3,4,7,8-PCDF	0.5							140	70.00	140	70.00		71	36	71	36		
26	Total PCDF	0							2300	0.00	2300	0.00		1400	0	1400	0		
27	1,2,3,4,7,8-HxCDF	0.1							290	29.00	290	29.00		160	16	160	16		
28	1,2,3,6,7,8-HxCDF	0.1							250	25.00	250	25.00		140	14	140	14		
29	2,3,4,6,7,8-HxCDF	0.1							180	18.00	180	18.00		83	8	83	8		
30	1,2,3,7,8,9-HxCDF	0.1							68	6.80	68	6.80		36	4	36	4		
31	Total HxCDF	0							2400	0.00	2400	0.00		1300	0	1300	0		
32	1,2,3,4,6,7,8-HpCDF	0.01							1100	11.00	1100	11.00		450	5	450	5		
33	1,2,3,4,7,8,9-HpCDF	0.01							120	1.20	120	1.20		60	1	60	1		
34	Total HpCDF	0							1600	0.00	1600	0.00		720	0	720	0		
35	OCDF	0.001							420	0.42	420	0.42		160	0	160	0		
36																			
37	Gas sample volume (dscf)					0	167.92	167.92			153.659	153.659	153.659			155.858	155.858	155.858	
38	O2 (%)					0	13.52	13.52			14.53	14.53	14.53			14.49	14.49	14.49	
39																			
40	PCDD/PCDF (ng in sample)										0.191	9.0	0.188			0.10	5.0	0.10	
41	PCDD/PCDF (ng/dscm @ 7% O2)							2.9			0.0952	4.48	0.0938	4.2		0.0491	2.45	0.0481	6.3
42																			
43	TEQ Cond Avg										0.0587								
44	Total Cond Avg										3.0404								

	T	U	V	W	X	Y	Z	AA	AB
1									
2									
3									
4									
5									
6									
7		Run 4				Run 5			
8	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
10									
11	6.7	7	3	3 nd		7	7	4	4
12	44	0	44	0		130	0	130	0
13	8.8	4	9	4		9.6	5	10	5
14	120	0	120	0		130	0	130	0
15	11	1	11	1		7.8	1	8	1
16	16	2	16	2		16	2	16	2
17	9.1	1	9	1		6.5	1	7	1
18	200	0	200	0		160	0	160	0
19	47	0	47	0		48	0	48	0
20	100	0	100	0		110	0	110	0
21	84	0	84	0		86	0	86	0
22	16	2	16	2		21	2	21	2
23	1000	0	1000	0		1700	0	1700	0
24	66	3	66	3		80	4	80	4
25	76	38	76	38		76	38	76	38
26	1400	0	1400	0		1800	0	1800	0
27	160	16	160	16		180	18	180	18
28	150	15	150	15		160	16	160	16
29	87	9	87	9		92	9	92	9
30	28	3	28	3		38	4	38	4
31	1400	0	1400	0		1600	0	1600	0
32	520	5	520	5		560	6	560	6
33	48	0	48	0		53	1	53	1
34	780	0	780	0		850	0	850	0
35	130	0	130	0		140	0	140	0
36									
37		172.649	172.649	173			180.09	180.09	180
38		14.5	14.5	14.5			14.66	14.66	14.66
39									
40		0.11	5.3	0.10			0.11	6.7	0.11
41		0.05	2.32	0.05	6.2		0.05	2.91	0.05
42									
43									
44									

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
1	PCDD/PCDF																		
2	N																		
3	Facility Name and ID:		WTI																
4	Condition ID:		222C13																
5	Condition/Test Date:		2000 Performance Test																
6																			
7																			
8	I-TEF		Run 1				Run 2				Run 3								
9	Wght Fact		Total	TEQ	Total	TEQ	Total	TEQ	Total	TEQ	Total	TEQ	Total	TEQ	Total	TEQ	Total	TEQ	
10			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	Full ND	Full ND	1/2 ND	1/2 ND	
11	Detected in sample volume (pg)																		
12	2,3,7,8-TCDD	1	17.2	17.20	17.20	17.20	1.25E+01	12.50	12.50	12.50	1.05E+01	11	11	11	nd				
13	Total TCDD	0	275	0	275	0	171	0.00	171	0.00	115	0	115	0					
14	1,2,3,7,8-PCDD	0.5	41.4	20.70	41.40	20.70	29.7	14.85	29.70	14.85	17.4	9	17	9	nd				
15	Total PCDD	0	390	0	390	0	215	0.00	215	0.00	127	0	127	0					
16	1,2,3,4,7,8-HxCDD	0.1	27.9	2.79	27.90	2.79	22.8	2.28	22.80	2.28	11.7	1	12	1					
17	1,2,3,6,7,8-HxCDD	0.1	40.8	4.08	40.80	4.08	32	3.20	32.00	3.20	13.6	1	14	1					
18	1,2,3,7,8,9-HxCDD	0.1	27.7	2.77	27.70	2.77	20.7	2.07	20.70	2.07	9.76	1	10	1	nd				
19	Total HxCDD	0	453	0	453	0	288	0.00	288	0.00	135	0	135	0					
20	1,2,3,4,6,7,8-HpCDD	0.01	133	1.33	133.00	1.33	149	1.49	149.00	1.49	40.9	0	41	0					
21	Total HpCDD	0	280	0	280	0	289	0.00	289	0.00	85.3	0	85	0					
22	OCDD	0.001	390	0.39	390.00	0.39	321	0.32	321	0.32	123	0	123	0					
23	2,3,7,8-TCDF	0.1	76.9	7.69	76.90	7.69	70.9	7.09	71	7.09	49.2	5	49	5					
24	Total TCDF	0	4210	0	4210	0	3680	0.00	3680	0.00	2570	0	2570	0					
25	1,2,3,7,8-PCDF	0.05	174	8.70	174	8.70	167	8.35	167	8.35	88.6	4	89	4					
26	2,3,4,7,8-PCDF	0.5	161	81	161	81	129	64.50	129	64.50	72.9	36	73	36					
27	Total PCDF	0	3750	0	3750	0	3150	0.00	3150	0.00	1740	0	1740	0					
28	1,2,3,4,7,8-HxCDF	0.1	333	33	333	33	477	47.70	477	47.70	122	12	122	12					
29	1,2,3,6,7,8-HxCDF	0.1	296	30	296	30	322	32.20	322	32.20	110	11	110	11					
30	2,3,4,6,7,8-HxCDF	0.1	268	27	268	27	309	30.90	309	30.90	82.3	8	82	8					
31	1,2,3,7,8,9-HxCDF	0.1	62	6	62	6	110	11.00	110	11.00	27.5	3	28	3					
32	Total HxCDF	0	3330	0	3330	0	3720	0.00	3720	0.00	1170	0	1170	0					
33	1,2,3,4,6,7,8-HpCDF	0.01	1100	11	1100	11	2150	21.50	2150	21.50	331	3	331	3					
34	1,2,3,4,7,8,9-HpCDF	0.01	118	1.18	118	1.18	597	5.97	597	5.97	39.5	0	40	0					
35	Total HpCDF	0	1700	0	1700	0	4690	0.00	4690	0.00	518	0	518	0					
36	OCDF	0.001	421	0.42	421	0.42	3190	3.19	3190	3.19	132	0	132	0					
37	Gas sample volume (dscf)			168.269	168.269	168.269		180.435	180.435	180.435		181.983	181.983	181.983					
38	O2 (%)			16.2	16.2	16.2		15.9	15.9	15.9		15.9	15.9	15.9					
39																			
40	PCDD/PCDF (ng in sample)			0.255	15.2	0.255		0.269	19.7	0.269		0.11	6.7	0.11					
41	PCDD/PCDF (ng/dscm @ 7% O2)			0.0	0.1560	9.31	0.1560	0.0	0.1447	10.60	0.1447	0.0	0.0571	3.58	0.0571	13.9			
42																			
43	TEQ Cond Avg		0.0999																
44	Total Cond Avg		6.4163																

	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	
1															
2															
3															
4															
5															
6															
7		Run 4					Run 5					Run 6			
8	Total	TEQ	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	Full ND	Full ND	
10															
11	7.17	7	4	4	16.8	17	17	17	8.39	8	8	8	8	8	
12	60.1	0	60	0	293	0	293	0	104	0	104	0	104	0	
13	13.4	7	7	3 nd	48.5	24	24	12	20	10	20	10	20	10	
14	119	0	119	0	342	0	342	0	129	0	129	0	129	0	
15	13.5	1	14	1	28.5	3	29	3 nd	14.4	1	7	1	7	1	
16	18.9	2	19	2	38.2	4	38	4 nd	14.5	1	7	1	7	1	
17	9.44	1	5	0	25.4	3	25	3 nd	14.3	1	7	1	7	1	
18	153	0	153	0	397	0	397	0	125	0	125	0	125	0	
19	68.4	1	68	1	112	1	112	1	63	1	63	1	63	1	
20	145	0	145	0	231	0	231	0	131	0	131	0	131	0	
21	219	0	219	0	245	0	245	0	211	0	211	0	211	0	
22	32.4	3	32	3	70.6	7	71	7	37.4	4	37	4	37	4	
23	1860	0	1860	0	3990	0	3990	0	1810	0	1810	0	1810	0	
24	71.7	4	72	4	179	9	179	9	75	4	75	4	75	4	
25	69.2	35	69	35	157	79	157	79	65.3	33	65	33	65	33	
26	1610	0	1610	0	3760	0	3760	0	1430	0	1430	0	1430	0	
27	142	14	142	14	319	32	319	32	122	12	122	12	122	12	
28	116	12	116	12	287	29	287	29	105	11	105	11	105	11	
29	116	12	116	12	235	24	235	24	89.3	9	89	9	89	9	
30	32.3	3	32	3	61.8	6	62	6 nd	14.4	1	7	1	7	1	
31	1430	0	1430	0	3110	0	3110	0	1130	0	1130	0	1130	0	
32	482	5	482	5	983	10	983	10	337	3	337	3	337	3	
33	72.2	1	72	1	148	1	148	1	43.1	0	43	0	43	0	
34	722	0	722	0	1630	0	1630	0	534	0	534	0	534	0	
35	304	0	304	0	532	1	532	1	147	0	147	0	147	0	
36															
37		161.171	161.171	161		164.805	164.805	165		163.153	163.153	163		163	
38		15.6	15.6	15.6		15.6	15.6	15.6		15.5	15.5	15.5		15.5	
39															
40		0.11	6.6	0.10		0.25	14.5	0.24		0.10	5.8	0.10		0.10	
41		0.06	3.76	0.06	9.8	0.14	8.08	0.13	5.7	0.06	3.17	0.05		0.05	
42															
43															
44															

	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	222C1													
2				Run 1				Run 2				Run 3		
3		I-TEF		Total	Total	TEQ		Total	Total	TEQ		Total	Total	TEQ
4		Wt Fact		Full ND	1/2 ND	1/2 ND		Full ND	1/2 ND	1/2 ND		Full ND	1/2 ND	1/2 ND
5	4D 2378	1		0.065	0.065	0.065		0.042	0.042	0.042		0.062	0.062	0.062
6	4D Other	0		1.942	1.942	0.000		1.251	1.251	0.000		1.839	1.839	0.000
7	4D Total	0		2.007	2.007	0.000		1.293	1.293	0.000		1.902	1.902	0.000
8	5D 12378	0.5		0.296	0.296	0.148		0.171	0.171	0.086		0.334	0.334	0.167
9	5D Other	0		3.108	3.108	0.000		1.920	1.920	0.000		3.933	3.933	0.000
10	5D Total	0		3.404	3.404	0.000		2.091	2.091	0.000		4.267	4.267	0.000
11	6D 123478	0.1		0.272	0.272	0.027		0.129	0.129	0.013		0.357	0.357	0.036
12	6D 123678	0.1		0.340	0.340	0.034		0.171	0.171	0.017		0.388	0.388	0.039
13	6D 123789	0.1		0.201	0.201	0.020		0.114	0.114	0.011		0.233	0.233	0.023
14	6D Other	0		3.271	3.271	0.000		1.830	1.830	0.000		4.067	4.067	0.000
15	6D Total	0		4.085	4.085	0.000		2.244	2.244	0.000		5.045	5.045	0.000
16	7D 1234678	0.01		1.021	1.021	0.010		0.494	0.494	0.005		1.124	1.124	0.011
17	7D Other	0		1.428	1.428	0.000		0.610	0.610	0.000		1.476	1.476	0.000
18	7D Total	0		2.449	2.449	0.000		1.104	1.104	0.000		2.600	2.600	0.000
19	8D	0.001		0.782	0.782	0.001		0.376	0.376	0.000		0.661	0.661	0.001
20	4F 2378	0.1		0.579	0.579	0.058		0.418	0.418	0.042		0.661	0.661	0.066
21	4F Other	0		36.865	36.865	0.000		22.024	22.024	0.000		45.898	45.898	0.000
22	4F Total	0		37.445	37.445	0.000		22.443	22.443	0.000		46.558	46.558	0.000
23	5F 12378	0.05		2.383	2.383	0.119		1.329	1.329	0.066		3.180	3.180	0.159
24	5F 23478	0.5		2.622	2.622	1.311		1.329	1.329	0.665		3.026	3.026	1.513
25	5F Other	0		59.520	59.520	0.000		30.418	30.418	0.000		75.298	75.298	0.000
26	5F Total	0		64.525	64.525	0.000		33.076	33.076	0.000		81.504	81.504	0.000
27	6F 123478	0.1		8.485	8.485	0.848		3.420	3.420	0.342		10.867	10.867	1.087
28	6F 123678	0.1		7.469	7.469	0.747		3.154	3.154	0.315		8.949	8.949	0.895
29	6F 123789	0.1		0.615	0.615	0.061		0.145	0.145	0.014		0.815	0.815	0.082
30	6F 234678	0.1		3.404	3.404	0.340		1.370	1.370	0.137		3.883	3.883	0.388
31	6F Other	0		58.270	58.270	0.000		22.329	22.329	0.000		68.708	68.708	0.000
32	6F Total	0		78.242	78.242	0.000		30.418	30.418	0.000		93.223	93.223	0.000
33	7F 1234678	0.01		27.893	27.893	0.279		10.276	10.276	0.103		29.512	29.512	0.295
34	7F 1234789	0.01		1.666	1.666	0.017		0.418	0.418	0.004		1.667	1.667	0.017
35	7F Other	0		14.693	14.693	0.000		3.365	3.365	0.000		11.490	11.490	0.000
36	7F Total	0		44.253	44.253	0.000		14.059	14.059	0.000		42.670	42.670	0.000
37	8F	0.001		2.860	2.860	0.003		0.762	0.762	0.001		3.068	3.068	0.003
38	Total PCDD/PCDF			240.052	240.052			107.865	107.865			281.497	281.497	
39	TEQ		0.0	4.089		4.089	0.0	1.864		1.864	0.0	4.843		4.843

	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	222C2													
2					Run 1			Run 2			Run 3			
3		I-TEF		Total	Total	TEQ		Total	Total	TEQ		Total	Total	TEQ
4		Wt Fact		Full ND	1/2 ND	1/2 ND		Full ND	1/2 ND	1/2 ND		Full ND	1/2 ND	1/2 ND
5	4D 2378	1		0.047	0.047	0.047		0.030	0.030	0.030		0.024	0.024	0.024
6	4D Other	0		1.015	1.015	0.000		0.788	0.788	0.000		0.607	0.607	0.000
7	4D Total	0		1.062	1.062	0.000		0.818	0.818	0.000		0.631	0.631	0.000
8	5D 12378	0.5		0.158	0.158	0.079		0.105	0.105	0.052		0.084	0.084	0.042
9	5D Other	0		1.810	1.810	0.000		1.258	1.258	0.000		1.009	1.009	0.000
10	5D Total	0		1.968	1.968	0.000		1.363	1.363	0.000		1.093	1.093	0.000
11	6D 123478	0.1		0.126	0.126	0.013		0.074	0.074	0.007		0.059	0.059	0.006
12	6D 123678	0.1		0.177	0.177	0.018		0.113	0.113	0.011		0.088	0.088	0.009
13	6D 123789	0.1		0.110	0.110	0.011		0.070	0.070	0.007		0.046	0.046	0.005
14	6D Other	0		1.833	1.833	0.000		1.065	1.065	0.000		0.864	0.864	0.000
15	6D Total	0		2.247	2.247	0.000		1.322	1.322	0.000		1.057	1.057	0.000
16	7D 1234678	0.01		0.553	0.553	0.006		0.315	0.315	0.003		0.240	0.240	0.002
17	7D Other	0		0.749	0.749	0.000		0.425	0.425	0.000		0.308	0.308	0.000
18	7D Total	0		1.302	1.302	0.000		0.741	0.741	0.000		0.548	0.548	0.000
19	8D	0.001		0.394	0.394	0.000		0.249	0.249	0.000		0.211	0.211	0.000
20	4F 2378	0.1		0.339	0.339	0.034		0.264	0.264	0.026		0.190	0.190	0.019
21	4F Other	0		16.205	16.205	0.000		12.184	12.184	0.000		9.901	9.901	0.000
22	4F Total	0		16.544	16.544	0.000		12.449	12.449	0.000		10.091	10.091	0.000
23	5F 12378	0.05		1.062	1.062	0.053		0.581	0.581	0.029		0.464	0.464	0.023
24	5F 23478	0.5		1.180	1.180	0.590		0.895	0.895	0.448		0.631	0.631	0.315
25	5F Other	0		22.182	22.182	0.000		14.470	14.470	0.000		13.262	13.262	0.000
26	5F Total	0		24.424	24.424	0.000		15.947	15.947	0.000		14.356	14.356	0.000
27	6F 123478	0.1		2.956	2.956	0.296		1.636	1.636	0.164		1.267	1.267	0.127
28	6F 123678	0.1		2.599	2.599	0.260		1.440	1.440	0.144		1.177	1.177	0.118
29	6F 123789	0.1		0.276	0.276	0.028		0.187	0.187	0.019		0.109	0.109	0.011
30	6F 234678	0.1		1.654	1.654	0.165		1.168	1.168	0.117		0.799	0.799	0.080
31	6F Other	0		20.854	20.854	0.000		11.516	11.516	0.000		9.742	9.742	0.000
32	6F Total	0		28.339	28.339	0.000		15.947	15.947	0.000		13.095	13.095	0.000
33	7F 1234678	0.01		9.838	9.838	0.098		5.062	5.062	0.051		3.796	3.796	0.038
34	7F 1234789	0.01		0.631	0.631	0.006		0.428	0.428	0.004		0.265	0.265	0.003
35	7F Other	0		4.899	4.899	0.000		3.049	3.049	0.000		2.245	2.245	0.000
36	7F Total	0		15.369	15.369	0.000		8.539	8.539	0.000		6.307	6.307	0.000
37	8F	0.001		1.180	1.180	0.001		0.854	0.854	0.001		0.590	0.590	0.001
38	Total PCDD/PCDF			92.828	92.828			58.228	58.228			47.979	47.979	
39	TEQ	0.0		1.705		1.705	0.0	1.113		1.113	0.0	0.822		0.822

	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	222C3													
2				Run 1				Run 2				Run 3		
3		I-TEF		Total	Total	TEQ		Total	Total	TEQ		Total	Total	TEQ
4		Wt Fact		Full ND	1/2 ND	1/2 ND		Full ND	1/2 ND	1/2 ND		Full ND	1/2 ND	1/2 ND
5	4D 2378	1		0.040	0.040	0.040		0.048	0.048	0.048		0.050	0.050	0.050
6	4D Other	0		0.788	0.788	0.000		0.801	0.801	0.000		0.743	0.743	0.000
7	4D Total	0		0.829	0.829	0.000		0.849	0.849	0.000		0.793	0.793	0.000
8	5D 12378	0.5		0.182	0.182	0.091		0.215	0.215	0.108		0.292	0.292	0.146
9	5D Other	0		1.583	1.583	0.000		1.839	1.839	0.000		1.783	1.783	0.000
10	5D Total	0		1.766	1.766	0.000		2.054	2.054	0.000		2.075	2.075	0.000
11	6D 123478	0.1		0.166	0.166	0.017		0.330	0.330	0.033		0.366	0.366	0.037
12	6D 123678	0.1		0.249	0.249	0.025		0.411	0.411	0.041		0.405	0.405	0.041
13	6D 123789	0.1		0.155	0.155	0.015		0.275	0.275	0.028		0.312	0.312	0.031
14	6D Other	0		1.975	1.975	0.000		3.135	3.135	0.000		3.519	3.519	0.000
15	6D Total	0		2.544	2.544	0.000		4.152	4.152	0.000		4.603	4.603	0.000
16	7D 123467	0.01		0.994	0.994	0.010		2.354	2.354	0.024		2.327	2.327	0.023
17	7D Other	0		1.160	1.160	0.000		2.654	2.654	0.000		2.475	2.475	0.000
18	7D Total	0		2.155	2.155	0.000		5.008	5.008	0.000		4.803	4.803	0.000
19	8D	0.001		1.160	1.160	0.001		3.602	3.602	0.004		3.513	3.513	0.004
20	4F 2378	0.1		0.337	0.337	0.034		0.375	0.375	0.038		0.386	0.386	0.039
21	4F Other	0		11.265	11.265	0.000		17.173	17.173	0.000		16.438	16.438	0.000
22	4F Total	0		11.602	11.602	0.000		17.548	17.548	0.000		16.824	16.824	0.000
23	5F 12378	0.05		0.937	0.937	0.047		1.398	1.398	0.070		1.534	1.534	0.077
24	5F 23478	0.5		0.994	0.994	0.497		1.605	1.605	0.803		1.586	1.586	0.793
25	5F Other	0		17.382	17.382	0.000		26.529	26.529	0.000		31.492	31.492	0.000
26	5F Total	0		19.313	19.313	0.000		29.533	29.533	0.000		34.612	34.612	0.000
27	6F 123478	0.1		2.378	2.378	0.238		4.408	4.408	0.441		4.106	4.106	0.411
28	6F 123678	0.1		2.263	2.263	0.226		3.909	3.909	0.391		4.402	4.402	0.440
29	6F 123789	0.1		0.182	0.182	0.018		0.651	0.651	0.065		0.277	0.277	0.028
30	6F 234678	0.1		1.434	1.434	0.143		2.953	2.953	0.295		2.572	2.572	0.257
31	6F Other	0		16.370	16.370	0.000		28.097	28.097	0.000		28.220	28.220	0.000
32	6F Total	0		22.628	22.628	0.000		40.019	40.019	0.000		39.578	39.578	0.000
33	7F 123467	0.01		9.368	9.368	0.094		16.550	16.550	0.165		16.824	16.824	0.168
34	7F 123478	0.01		0.508	0.508	0.005		1.955	1.955	0.020		0.741	0.741	0.007
35	7F Other	0		3.960	3.960	0.000		10.030	10.030	0.000		5.188	5.188	0.000
36	7F Total	0		13.836	13.836	0.000		28.534	28.534	0.000		22.753	22.753	0.000
37	8F	0.001		0.994	0.994	0.001		4.908	4.908	0.005		2.179	2.179	0.002
38	Total PCDD/PCDF			76.826	76.826			136.207	136.207			131.733	131.733	
39	TEQ	0.0		1.503		1.503	0.0	2.576		2.576	0.0	2.553		2.553

	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	
1	222C4																						
2				Run 1			Run 2			Run 3			Run 4			Run 5							
3		I-TEF	Total	Total	TEQ	Total	Total	TEQ	Total	Total	TEQ	Total	Total	TEQ	Total	Total	TEQ	Total	Total	TEQ	Total	TEQ	
4		Wt Fact	Full ND	1/2 ND	1/2 ND	Full ND	1/2 ND	1/2 ND	Full ND	1/2 ND	1/2 ND	Full ND	1/2 ND	1/2 ND	Full ND	1/2 ND	1/2 ND	Full ND	1/2 ND	1/2 ND	Full ND	1/2 ND	1/2 ND
5	4D 2378	1	0.007	0.007	0.007	1	0.003	0.002	0.002	1	0.003	0.001	0.001	1	0.004	0.002	0.002	1	0.003	0.001	0.001	0.001	
6	4D Other	0	0.205	0.205	0.000		4.604	4.604	0.000		1.284	1.284	0.000		0.350	0.350	0.000		0.294	0.294	0.000	0.000	
7	4D Total	0	0.212	0.212	0.000		4.608	4.608	0.000		1.286	1.286	0.000		0.354	0.354	0.000		0.296	0.296	0.000	0.000	
8	5D 12378	0.5	0.030	0.030	0.015		0.013	0.013	0.007		0.013	0.013	0.007	1	0.010	0.005	0.002	1	0.011	0.005	0.003	0.003	
9	5D Other	0	0.426	0.426	0.000		0.253	0.253	0.000		0.182	0.182	0.000		0.078	0.078	0.000		0.114	0.114	0.000	0.000	
10	5D Total	0	0.456	0.456	0.000		0.266	0.266	0.000		0.195	0.195	0.000		0.088	0.088	0.000		0.125	0.125	0.000	0.000	
11	6D 123478	0.1	0.030	0.030	0.003		0.012	0.012	0.001		0.012	0.012	0.001		0.009	0.009	0.001		0.013	0.013	0.001	0.001	
12	6D 123678	0.1	0.049	0.049	0.005		0.021	0.021	0.002		0.020	0.020	0.002		0.019	0.019	0.002		0.019	0.019	0.002	0.002	
13	6D 123789	0.1	0.035	0.035	0.004		0.015	0.015	0.001		0.013	0.013	0.001		0.019	0.019	0.002		0.014	0.014	0.001	0.001	
14	6D Other	0	0.521	0.521	0.000		0.218	0.218	0.000		0.199	0.199	0.000		0.139	0.139	0.000		0.152	0.152	0.000	0.000	
15	6D Total	0	0.635	0.635	0.000		0.266	0.266	0.000		0.244	0.244	0.000		0.186	0.186	0.000		0.198	0.198	0.000	0.000	
16	7D 1234678	0.01	0.205	0.205	0.002		0.081	0.081	0.001		0.066	0.066	0.001		0.069	0.069	0.001		0.070	0.070	0.001	0.001	
17	7D Other	0	0.283	0.283	0.000		0.096	0.096	0.000		0.088	0.088	0.000		0.085	0.085	0.000		0.094	0.094	0.000	0.000	
18	7D Total	0	0.488	0.488	0.000		0.177	0.177	0.000		0.155	0.155	0.000		0.153	0.153	0.000		0.165	0.165	0.000	0.000	
19	8D	0.001	0.553	0.553	0.001		0.319	0.319	0.000		0.163	0.163	0.000		0.186	0.186	0.000		0.140	0.140	0.000	0.000	
20	4F 2378	0.1	0.049	0.049	0.005		0.023	0.023	0.002		0.027	0.027	0.003		0.020	0.020	0.002		0.020	0.020	0.002	0.002	
21	4F Other	0	2.231	2.231	0.000		1.129	1.129	0.000		0.819	0.819	0.000		0.789	0.789	0.000		0.804	0.804	0.000	0.000	
22	4F Total	0	2.279	2.279	0.000		1.152	1.152	0.000		0.847	0.847	0.000		0.810	0.810	0.000		0.824	0.824	0.000	0.000	
23	5F 12378	0.05	0.205	0.205	0.010		0.068	0.068	0.003		0.081	0.081	0.004		0.053	0.053	0.003		0.066	0.066	0.003	0.003	
24	5F 23478	0.5	0.329	0.329	0.164		0.127	0.127	0.064		0.133	0.133	0.066		0.126	0.126	0.063		0.156	0.156	0.078	0.078	
25	5F Other	0	4.024	4.024	0.000		1.577	1.577	0.000		1.740	1.740	0.000		1.423	1.423	0.000		1.589	1.589	0.000	0.000	
26	5F Total	0	4.558	4.558	0.000		1.772	1.772	0.000		1.953	1.953	0.000		1.602	1.602	0.000		1.812	1.812	0.000	0.000	
27	6F 123478	0.1	0.635	0.635	0.063		0.234	0.234	0.023		0.228	0.228	0.023		0.164	0.164	0.016		0.219	0.219	0.022	0.022	
28	6F 123678	0.1	0.560	0.560	0.056		0.204	0.204	0.020		0.202	0.202	0.020		0.172	0.172	0.017		0.223	0.223	0.022	0.022	
29	6F 123789	0.1	0.120	0.120	0.012		0.031	0.031	0.003		0.030	0.030	0.003		0.028	0.028	0.003		0.051	0.051	0.005	0.005	
30	6F 234678	0.1	0.672	0.672	0.067		0.204	0.204	0.020		0.254	0.254	0.025		0.179	0.179	0.018		0.246	0.246	0.025	0.025	
31	6F Other	0	4.362	4.362	0.000		1.631	1.631	0.000		1.890	1.890	0.000		1.480	1.480	0.000		1.896	1.896	0.000	0.000	
32	6F Total	0	6.349	6.349	0.000		2.304	2.304	0.000		2.605	2.605	0.000		2.024	2.024	0.000		2.635	2.635	0.000	0.000	
33	7F 1234678	0.01	2.951	2.951	0.030		0.850	0.850	0.008		0.883	0.883	0.009		0.917	0.917	0.009		1.056	1.056	0.011	0.011	
34	7F 1234789	0.01	0.258	0.258	0.003		0.068	0.068	0.001		0.077	0.077	0.001		0.092	0.092	0.001		0.102	0.102	0.001	0.001	
35	7F Other	0	2.327	2.327	0.000		0.606	0.606	0.000		0.586	0.586	0.000		0.594	0.594	0.000		0.654	0.654	0.000	0.000	
36	7F Total	0	5.535	5.535	0.000		1.524	1.524	0.000		1.547	1.547	0.000		1.602	1.602	0.000		1.812	1.812	0.000	0.000	
37	8F	0.001	2.605	2.605	0.003		0.603	0.603	0.001		0.586	0.586	0.001		0.692	0.692	0.001		0.593	0.593	0.001	0.001	
38	Total PCDD/PCDF		23.670	23.670			12.990	12.990			9.580	9.580			7.697	7.697			8.599	8.599			
39	TEQ	0.0	0.449	0.449	2.0	0.162	0.161	1.5	0.169	0.168	6.2	0.148	0.143	4.6	0.183	0.183			0.183	0.183		0.179	

	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X
1	222C5																					
2					Run 1			Run 2			Run 3			Run 4			Run 5					
3		I-TEF		Total	Total	TEQ		Total	Total	TEQ		Total	Total	TEQ		Total	Total	TEQ		Total	Total	TEQ
4		Wt Fact		Full ND	1/2 ND	1/2 ND		Full ND	1/2 ND	1/2 ND		Full ND	1/2 ND	1/2 ND		Full ND	1/2 ND	1/2 ND		Full ND	1/2 ND	1/2 ND
5	4D 2378	1	1	0.004	0.002	0.002	1	0.002	0.001	0.001	1	0.003	0.002	0.002	1	0.003	0.002	0.002	1	0.005	0.002	0.002
6	4D Other	0		0.057	0.057	0.000		0.015	0.015	0.000		0.022	0.022	0.000		0.020	0.020	0.000		0.068	0.068	0.000
7	4D Total	0		0.061	0.061	0.000		0.017	0.017	0.000		0.025	0.025	0.000		0.024	0.024	0.000		0.073	0.073	0.000
8	5D 12378	0.5		0.010	0.010	0.005		0.002	0.002	0.001		0.007	0.007	0.003		0.005	0.005	0.003		0.009	0.009	0.005
9	5D Other	0		0.102	0.102	0.000		0.034	0.034	0.000		0.063	0.063	0.000		0.061	0.061	0.000		0.089	0.089	0.000
10	5D Total	0		0.112	0.112	0.000		0.037	0.037	0.000		0.069	0.069	0.000		0.066	0.066	0.000		0.098	0.098	0.000
11	6D 123478	0.1		0.016	0.016	0.002		0.005	0.005	0.001		0.010	0.010	0.001		0.007	0.007	0.001		0.010	0.010	0.001
12	6D 123678	0.1		0.032	0.032	0.003		0.009	0.009	0.001		0.015	0.015	0.002		0.012	0.012	0.001		0.016	0.016	0.002
13	6D 123789	0.1		0.027	0.027	0.003		0.004	0.004	0.000		0.014	0.014	0.001		0.006	0.006	0.001		0.013	0.013	0.001
14	6D Other	0		0.279	0.279	0.000		0.081	0.081	0.000		0.159	0.159	0.000		0.121	0.121	0.000		0.162	0.162	0.000
15	6D Total	0		0.354	0.354	0.000		0.100	0.100	0.000		0.198	0.198	0.000		0.146	0.146	0.000		0.200	0.200	0.000
16	7D 1234678	0.01		0.438	0.438	0.004		0.054	0.054	0.001		0.159	0.159	0.002		0.066	0.066	0.001		0.084	0.084	0.001
17	7D Other	0		0.739	0.739	0.000		0.114	0.114	0.000		0.296	0.296	0.000		0.138	0.138	0.000		0.173	0.173	0.000
18	7D Total	0		1.177	1.177	0.000		0.168	0.168	0.000		0.455	0.455	0.000		0.204	0.204	0.000		0.257	0.257	0.000
19	8D	0.001		1.990	1.990	0.002		0.163	0.163	0.000		0.568	0.568	0.001		0.182	0.182	0.000		0.220	0.220	0.000
20	4F 2378	0.1		0.018	0.018	0.002		0.005	0.005	0.001		0.009	0.009	0.001		0.005	0.005	0.000		0.016	0.016	0.002
21	4F Other	0		0.427	0.427	0.000		0.163	0.163	0.000		0.284	0.284	0.000		0.209	0.209	0.000		0.461	0.461	0.000
22	4F Total	0		0.445	0.445	0.000		0.168	0.168	0.000		0.293	0.293	0.000		0.214	0.214	0.000		0.477	0.477	0.000
23	5F 12378	0.05		0.047	0.047	0.002		0.017	0.017	0.001		0.030	0.030	0.002		0.025	0.025	0.001		0.041	0.041	0.002
24	5F 23478	0.5		0.052	0.052	0.026		0.019	0.019	0.010		0.029	0.029	0.015		0.029	0.029	0.014		0.038	0.038	0.019
25	5F Other	0		0.682	0.682	0.000		0.347	0.347	0.000		0.409	0.409	0.000		0.545	0.545	0.000		0.681	0.681	0.000
26	5F Total	0		0.781	0.781	0.000		0.383	0.383	0.000		0.468	0.468	0.000		0.598	0.598	0.000		0.760	0.760	0.000
27	6F 123478	0.1		0.108	0.108	0.011		0.065	0.065	0.007		0.080	0.080	0.008		0.094	0.094	0.009		0.094	0.094	0.009
28	6F 123678	0.1		0.108	0.108	0.011		0.060	0.060	0.006		0.080	0.080	0.008		0.094	0.094	0.009		0.089	0.089	0.009
29	6F 123789	0.1		0.035	0.035	0.004		0.012	0.012	0.001		0.019	0.019	0.002		0.023	0.023	0.002		0.019	0.019	0.002
30	6F 234678	0.1		0.119	0.119	0.012		0.065	0.065	0.007		0.085	0.085	0.009		0.110	0.110	0.011		0.089	0.089	0.009
31	6F Other	0		1.020	1.020	0.000		0.651	0.651	0.000		0.796	0.796	0.000		1.050	1.050	0.000		0.943	0.943	0.000
32	6F Total	0		1.390	1.390	0.000		0.853	0.853	0.000		1.060	1.060	0.000		1.370	1.370	0.000		1.235	1.235	0.000
33	7F 1234678	0.01		0.626	0.626	0.006		0.369	0.369	0.004		0.455	0.455	0.005		0.605	0.605	0.006		0.461	0.461	0.005
34	7F 1234789	0.01		0.085	0.085	0.001		0.035	0.035	0.000		0.048	0.048	0.000		0.061	0.061	0.001		0.043	0.043	0.000
35	7F Other	0		1.190	1.190	0.000		0.705	0.705	0.000		0.853	0.853	0.000		1.100	1.100	0.000		0.838	0.838	0.000
36	7F Total	0		1.901	1.901	0.000		1.109	1.109	0.000		1.356	1.356	0.000		1.766	1.766	0.000		1.342	1.342	0.000
37	8F	0.001		0.557	0.557	0.001		0.239	0.239	0.000		0.301	0.301	0.000		0.407	0.407	0.000		0.230	0.230	0.000
38	Total PCDD/PCDF			8.768	8.768			3.237	3.237			4.794	4.794			4.976	4.976			4.892	4.892	
39	TEQ		4.6	0.098		0.096	3.9	0.041			0.040	4.9	0.061		0.060	5.2	0.064		0.063	6.5	0.071	0.069

	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	
1	222C6																						
2																							
3				Run 1				Run 2				Run 3				Run 4				Run 5			
4		I-TEF	Total	Total	TEQ	Total	Total	TEQ	Total	Total	TEQ	Total	Total	TEQ	Total	Total	TEQ	Total	Total	TEQ	Total	TEQ	
5	4D 2378	Wt Fact	Full ND	1/2 ND	1/2 ND	Full ND	1/2 ND	1/2 ND	Full ND	1/2 ND	1/2 ND	Full ND	1/2 ND	1/2 ND	Full ND	1/2 ND	1/2 ND	Full ND	1/2 ND	1/2 ND	Full ND	1/2 ND	1/2 ND
6	4D Other	0	0.039	0.039	0.000	0.025	0.025	0.000	0.023	0.023	0.000	0.033	0.033	0.000	0.033	0.033	0.000	0.033	0.033	0.000	0.033	0.033	0.000
7	4D Total	0	0.039	0.039	0.000	0.025	0.025	0.000	0.023	0.023	0.000	0.033	0.033	0.000	0.033	0.033	0.000	0.033	0.033	0.000	0.033	0.033	0.000
8	5D 12378	0.5	0.005	0.005	0.002	0.005	0.005	0.002	0.004	0.004	0.002	0.004	0.004	0.002	0.004	0.004	0.002	0.004	0.004	0.002	0.004	0.004	0.002
9	5D Other	0	0.065	0.065	0.000	0.059	0.059	0.000	0.047	0.047	0.000	0.061	0.061	0.000	0.061	0.061	0.000	0.061	0.061	0.000	0.061	0.061	0.000
10	5D Total	0	0.070	0.070	0.000	0.064	0.064	0.000	0.051	0.051	0.000	0.065	0.065	0.000	0.065	0.065	0.000	0.065	0.065	0.000	0.065	0.065	0.000
11	6D 123478	0.1	0.009	0.009	0.001	0.007	0.007	0.001	0.006	0.006	0.001	0.005	0.005	0.000	0.005	0.005	0.000	0.005	0.005	0.000	0.005	0.005	0.000
12	6D 123678	0.1	0.016	0.016	0.002	0.013	0.013	0.001	0.012	0.012	0.001	0.012	0.012	0.001	0.012	0.012	0.001	0.012	0.012	0.001	0.012	0.012	0.001
13	6D 123789	0.1	0.009	0.009	0.001	0.007	0.007	0.001	0.006	0.006	0.001	0.006	0.006	0.001	0.006	0.006	0.001	0.006	0.006	0.001	0.006	0.006	0.001
14	6D Other	0	0.137	0.137	0.000	0.120	0.120	0.000	0.089	0.089	0.000	0.099	0.099	0.000	0.099	0.099	0.000	0.099	0.099	0.000	0.099	0.099	0.000
15	6D Total	0	0.170	0.170	0.000	0.147	0.147	0.000	0.112	0.112	0.000	0.121	0.121	0.000	0.121	0.121	0.000	0.121	0.121	0.000	0.121	0.121	0.000
16	7D 1234678	0.01	0.095	0.095	0.001	0.073	0.073	0.001	0.056	0.056	0.001	0.056	0.056	0.001	0.056	0.056	0.001	0.056	0.056	0.001	0.056	0.056	0.001
17	7D Other	0	0.115	0.115	0.000	0.083	0.083	0.000	0.065	0.065	0.000	0.065	0.065	0.000	0.065	0.065	0.000	0.065	0.065	0.000	0.065	0.065	0.000
18	7D Total	0	0.210	0.210	0.000	0.156	0.156	0.000	0.121	0.121	0.000	0.121	0.121	0.000	0.121	0.121	0.000	0.121	0.121	0.000	0.121	0.121	0.000
19	8D	0.001	0.290	0.290	0.000	0.176	0.176	0.000	0.154	0.154	0.000	0.116	0.116	0.000	0.116	0.116	0.000	0.116	0.116	0.000	0.116	0.116	0.000
20	4F 2378	0.1	0.008	0.008	0.001	0.008	0.008	0.001	0.006	0.006	0.001	0.010	0.010	0.001	0.010	0.010	0.001	0.010	0.010	0.001	0.010	0.010	0.001
21	4F Other	0	0.318	0.318	0.000	0.329	0.329	0.000	0.218	0.218	0.000	0.301	0.301	0.000	0.301	0.301	0.000	0.301	0.301	0.000	0.301	0.301	0.000
22	4F Total	0	0.326	0.326	0.000	0.337	0.337	0.000	0.224	0.224	0.000	0.311	0.311	0.000	0.311	0.311	0.000	0.311	0.311	0.000	0.311	0.311	0.000
23	5F 12378	0.05	0.034	0.034	0.002	0.029	0.029	0.001	0.020	0.020	0.001	0.021	0.021	0.001	0.021	0.021	0.001	0.021	0.021	0.001	0.021	0.021	0.001
24	5F 23478	0.5	0.038	0.038	0.019	0.035	0.035	0.018	0.027	0.027	0.014	0.029	0.029	0.015	0.029	0.029	0.015	0.029	0.029	0.015	0.029	0.029	0.015
25	5F Other	0	0.680	0.680	0.000	0.571	0.571	0.000	0.400	0.400	0.000	0.467	0.467	0.000	0.467	0.467	0.000	0.467	0.467	0.000	0.467	0.467	0.000
26	5F Total	0	0.751	0.751	0.000	0.635	0.635	0.000	0.447	0.447	0.000	0.518	0.518	0.000	0.518	0.518	0.000	0.518	0.518	0.000	0.518	0.518	0.000
27	6F 123478	0.1	0.145	0.145	0.015	0.117	0.117	0.012	0.093	0.093	0.009	0.091	0.091	0.009	0.091	0.091	0.009	0.091	0.091	0.009	0.091	0.091	0.009
28	6F 123678	0.1	0.135	0.135	0.014	0.112	0.112	0.011	0.089	0.089	0.009	0.082	0.082	0.008	0.082	0.082	0.008	0.082	0.082	0.008	0.082	0.082	0.008
29	6F 123789	0.1	0.027	0.027	0.003	0.025	0.025	0.002	0.019	0.019	0.002	0.019	0.019	0.002	0.019	0.019	0.002	0.019	0.019	0.002	0.019	0.019	0.002
30	6F 234678	0.1	0.135	0.135	0.014	0.122	0.122	0.012	0.103	0.103	0.010	0.091	0.091	0.009	0.091	0.091	0.009	0.091	0.091	0.009	0.091	0.091	0.009
31	6F Other	0	1.110	1.110	0.000	0.893	0.893	0.000	0.676	0.676	0.000	0.667	0.667	0.000	0.667	0.667	0.000	0.667	0.667	0.000	0.667	0.667	0.000
32	6F Total	0	1.553	1.553	0.000	1.270	1.270	0.000	0.979	0.979	0.000	0.949	0.949	0.000	0.949	0.949	0.000	0.949	0.949	0.000	0.949	0.949	0.000
33	7F 1234678	0.01	0.901	0.901	0.009	0.733	0.733	0.007	0.559	0.559	0.006	0.518	0.518	0.005	0.518	0.518	0.005	0.518	0.518	0.005	0.518	0.518	0.005
34	7F 1234789	0.01	0.115	0.115	0.001	0.093	0.093	0.001	0.070	0.070	0.001	0.056	0.056	0.001	0.056	0.056	0.001	0.056	0.056	0.001	0.056	0.056	0.001
35	7F Other	0	0.736	0.736	0.000	0.591	0.591	0.000	0.443	0.443	0.000	0.418	0.418	0.000	0.418	0.418	0.000	0.418	0.418	0.000	0.418	0.418	0.000
36	7F Total	0	1.753	1.753	0.000	1.417	1.417	0.000	1.072	1.072	0.000	0.992	0.992	0.000	0.992	0.992	0.000	0.992	0.992	0.000	0.992	0.992	0.000
37	8F	0.001	1.052	1.052	0.001	0.635	0.635	0.001	0.513	0.513	0.001	0.341	0.341	0.000	0.341	0.341	0.000	0.341	0.341	0.000	0.341	0.341	0.000
38	Total PCDD/PCDF		6.214	6.214		4.861	4.861		3.695	3.695		3.567	3.567		3.567	3.567		3.567	3.567		3.567	3.567	
39	TEQ	0.0	0.084		0.084	0.0	0.072		0.072	0.0	0.057		0.057	0.0	0.057		0.056		0.056	0.0	0.056		0.056

	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X
1	222C7																					
2					Run 1			Run 2			Run 3			Run 4			Run 5					
3		I-TEF	Total	Total	TEQ	Total	Total	TEQ	Total	Total	TEQ	Total	Total	TEQ	Total	Total	TEQ	Total	Total	TEQ		
4		Wt Fact	Full ND	1/2 ND	1/2 ND	Full ND	1/2 ND	1/2 ND	Full ND	1/2 ND	1/2 ND	Full ND	1/2 ND	1/2 ND	Full ND	1/2 ND	1/2 ND	Full ND	1/2 ND	1/2 ND		
5	4D 2378	1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
6	4D Other	0	0.061	0.061	0.000	0.016	0.016	0.000	0.011	0.011	0.000	0.011	0.011	0.000	0.011	0.011	0.000	0.013	0.013	0.000		
7	4D Total	0	0.061	0.061	0.000	0.016	0.016	0.000	0.011	0.011	0.000	0.011	0.011	0.000	0.011	0.011	0.000	0.013	0.013	0.000		
8	5D 12378	0.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
9	5D Other	0	0.043	0.043	0.000	0.014	0.014	0.000	0.017	0.017	0.000	0.017	0.017	0.000	0.012	0.012	0.000	0.019	0.019	0.000		
10	5D Total	0	0.043	0.043	0.000	0.014	0.014	0.000	0.017	0.017	0.000	0.017	0.017	0.000	0.012	0.012	0.000	0.019	0.019	0.000		
11	6D 123478	0.1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
12	6D 123678	0.1	0.000	0.000	0.000	0.006	0.006	0.001	0.009	0.009	0.001	0.009	0.009	0.001	0.007	0.007	0.001	0.007	0.007	0.001		
13	6D 123789	0.1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
14	6D Other	0	0.078	0.078	0.000	0.058	0.058	0.000	0.073	0.073	0.000	0.073	0.073	0.000	0.054	0.054	0.000	0.062	0.062	0.000		
15	6D Total	0	0.078	0.078	0.000	0.065	0.065	0.000	0.081	0.081	0.000	0.081	0.081	0.000	0.062	0.062	0.000	0.069	0.069	0.000		
16	7D 123467	0.01	0.061	0.061	0.001	0.074	0.074	0.001	0.068	0.068	0.001	0.068	0.068	0.001	0.039	0.039	0.000	0.035	0.035	0.000		
17	7D Other	0	0.055	0.055	0.000	0.087	0.087	0.000	0.068	0.068	0.000	0.068	0.068	0.000	0.046	0.046	0.000	0.047	0.047	0.000		
18	7D Total	0	0.116	0.116	0.000	0.160	0.160	0.000	0.135	0.135	0.000	0.135	0.135	0.000	0.085	0.085	0.000	0.082	0.082	0.000		
19	8D	0.001	0.421	0.421	0.000	0.606	0.606	0.001	0.289	0.289	0.000	0.289	0.289	0.000	0.146	0.146	0.000	0.134	0.134	0.000		
20	4F 2378	0.1	0.006	0.006	0.001	0.004	0.004	0.000	0.002	0.002	0.000	0.002	0.002	0.000	0.003	0.003	0.000	0.003	0.003	0.000		
21	4F Other	0	0.354	0.354	0.000	0.147	0.147	0.000	0.119	0.119	0.000	0.119	0.119	0.000	0.105	0.105	0.000	0.170	0.170	0.000		
22	4F Total	0	0.360	0.360	0.000	0.151	0.151	0.000	0.122	0.122	0.000	0.122	0.122	0.000	0.108	0.108	0.000	0.173	0.173	0.000		
23	5F 12378	0.05	0.012	0.012	0.001	0.010	0.010	0.000	0.009	0.009	0.000	0.009	0.009	0.000	0.010	0.010	0.000	0.010	0.010	0.000		
24	5F 23478	0.5	0.020	0.020	0.010	0.013	0.013	0.007	0.015	0.015	0.007	0.015	0.015	0.007	0.015	0.015	0.008	0.010	0.010	0.005		
25	5F Other	0	0.267	0.267	0.000	0.241	0.241	0.000	0.224	0.224	0.000	0.224	0.224	0.000	0.214	0.214	0.000	0.234	0.234	0.000		
26	5F Total	0	0.299	0.299	0.000	0.264	0.264	0.000	0.248	0.248	0.000	0.248	0.248	0.000	0.239	0.239	0.000	0.255	0.255	0.000		
27	6F 123478	0.1	0.048	0.048	0.005	0.052	0.052	0.005	0.054	0.054	0.005	0.054	0.054	0.005	0.050	0.050	0.005	0.052	0.052	0.005		
28	6F 123678	0.1	0.055	0.055	0.006	0.052	0.052	0.005	0.054	0.054	0.005	0.054	0.054	0.005	0.050	0.050	0.005	0.052	0.052	0.005		
29	6F 123789	0.1	0.009	0.009	0.001	0.011	0.011	0.001	0.010	0.010	0.001	0.010	0.010	0.001	0.011	0.011	0.001	0.008	0.008	0.001		
30	6F 234678	0.1	0.055	0.055	0.006	0.052	0.052	0.005	0.059	0.059	0.006	0.059	0.059	0.006	0.058	0.058	0.006	0.036	0.036	0.004		
31	6F Other	0	0.308	0.308	0.000	0.396	0.396	0.000	0.409	0.409	0.000	0.409	0.409	0.000	0.371	0.371	0.000	0.456	0.456	0.000		
32	6F Total	0	0.477	0.477	0.000	0.562	0.562	0.000	0.587	0.587	0.000	0.587	0.587	0.000	0.539	0.539	0.000	0.604	0.604	0.000		
33	7F 123467	0.01	0.555	0.555	0.006	0.692	0.692	0.007	0.542	0.542	0.005	0.542	0.542	0.005	0.424	0.424	0.004	0.367	0.367	0.004		
34	7F 123478	0.01	0.072	0.072	0.001	0.074	0.074	0.001	0.063	0.063	0.001	0.063	0.063	0.001	0.042	0.042	0.000	0.027	0.027	0.000		
35	7F Other	0	0.372	0.372	0.000	0.446	0.446	0.000	0.388	0.388	0.000	0.388	0.388	0.000	0.304	0.304	0.000	0.254	0.254	0.000		
36	7F Total	0	0.998	0.998	0.000	1.211	1.211	0.000	0.993	0.993	0.000	0.993	0.993	0.000	0.770	0.770	0.000	0.647	0.647	0.000		
37	8F	0.001	1.608	1.608	0.002	1.730	1.730	0.002	0.903	0.903	0.001	0.903	0.903	0.001	0.501	0.501	0.001	0.380	0.380	0.000		
38	Total PCDD/PCDF		4.463	4.463		4.779	4.779		3.387	3.387		3.387	3.387		2.473	2.473		2.375	2.375			
39	TEQ		0.0	0.037		0.037	0.0	0.036		0.036	0.0	0.035		0.035	0.0	0.032		0.032	0.0	0.026		

	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	
1	222B3																						
2																							
3		I-TEF		Run 1					Run 2				Run 3				Run 4				Run 5		
4		Wt Fact	Total	Total	TEQ		Total	Total	TEQ		Total	Total	TEQ		Total	Total	TEQ		Total	Total	TEQ		
5	4D 2378	1	1	0.001	0.001	0.001	1	0.001	0.001	0.001	1	0.001	0.000	0.000	1	0.001	0.000	0.000	1	0.001	0.000	0.000	
6	4D Other	0		0.042	0.042	0.000		0.033	0.033	0.000		0.030	0.030	0.000		0.027	0.027	0.000		0.029	0.029	0.000	
7	4D Total	0		0.043	0.043	0.000		0.034	0.034	0.000		0.031	0.031	0.000		0.028	0.028	0.000		0.030	0.030	0.000	
8	5D 12378	0.5		0.004	0.004	0.002	1	0.001	0.001	0.000	1	0.002	0.001	0.000	1	0.001	0.001	0.000	1	0.001	0.001	0.000	
9	5D Other	0		0.063	0.063	0.000		0.035	0.035	0.000		0.027	0.027	0.000		0.025	0.025	0.000		0.024	0.024	0.000	
10	5D Total	0		0.067	0.067	0.000		0.036	0.036	0.000		0.029	0.029	0.000		0.026	0.026	0.000		0.025	0.025	0.000	
11	6D 123478	0.1		0.003	0.003	0.000	1	0.001	0.001	0.000	1	0.001	0.001	0.000	1	0.001	0.001	0.000	1	0.002	0.001	0.000	
12	6D 123678	0.1		0.007	0.007	0.001	1	0.002	0.001	0.000	1	0.003	0.001	0.000	1	0.003	0.003	0.000	1	0.002	0.001	0.000	
13	6D 123789	0.1		0.003	0.003	0.000	1	0.001	0.001	0.000	1	0.001	0.001	0.000	1	0.001	0.001	0.000	1	0.001	0.001	0.000	
14	6D Other	0		0.046	0.046	0.000		0.024	0.024	0.000		0.022	0.022	0.000		0.027	0.027	0.000		0.026	0.026	0.000	
15	6D Total	0		0.059	0.059	0.000		0.029	0.029	0.000		0.027	0.027	0.000		0.033	0.033	0.000		0.031	0.031	0.000	
16	7D 1234678	0.01		0.021	0.021	0.000		0.015	0.015	0.000		0.012	0.012	0.000		0.019	0.019	0.000		0.016	0.016	0.000	
17	7D Other	0		0.022	0.022	0.000		0.017	0.017	0.000		0.013	0.013	0.000		0.020	0.020	0.000		0.018	0.018	0.000	
18	7D Total	0		0.043	0.043	0.000		0.032	0.032	0.000		0.025	0.025	0.000		0.039	0.039	0.000		0.034	0.034	0.000	
19	8D	0.001		0.067	0.067	0.000		0.115	0.115	0.000		0.040	0.040	0.000		0.074	0.074	0.000		0.065	0.065	0.000	
20	4F 2378	0.1		0.006	0.006	0.001		0.003	0.003	0.000		0.003	0.003	0.000		0.003	0.003	0.000		0.003	0.003	0.000	
21	4F Other	0		0.352	0.352	0.000		0.202	0.202	0.000		0.226	0.226	0.000		0.232	0.232	0.000		0.207	0.207	0.000	
22	4F Total	0		0.358	0.358	0.000		0.205	0.205	0.000		0.230	0.230	0.000		0.235	0.235	0.000		0.210	0.210	0.000	
23	5F 12378	0.05		0.016	0.016	0.001		0.007	0.007	0.000		0.007	0.007	0.000		0.011	0.011	0.001		0.008	0.008	0.000	
24	5F 23478	0.5		0.018	0.018	0.009		0.007	0.007	0.004		0.008	0.008	0.004		0.011	0.011	0.006		0.010	0.010	0.005	
25	5F Other	0		0.320	0.320	0.000		0.144	0.144	0.000		0.148	0.148	0.000		0.241	0.241	0.000		0.177	0.177	0.000	
26	5F Total	0		0.354	0.354	0.000		0.158	0.158	0.000		0.162	0.162	0.000		0.263	0.263	0.000		0.195	0.195	0.000	
27	6F 123478	0.1		0.037	0.037	0.004		0.016	0.016	0.002		0.015	0.015	0.002		0.029	0.029	0.003		0.021	0.021	0.002	
28	6F 123678	0.1		0.038	0.038	0.004		0.016	0.016	0.002		0.016	0.016	0.002		0.034	0.034	0.003		0.024	0.024	0.002	
29	6F 123789	0.1		0.007	0.007	0.001		0.004	0.004	0.000		0.003	0.003	0.000		0.007	0.007	0.001		0.005	0.005	0.000	
30	6F 234678	0.1		0.036	0.036	0.004		0.015	0.015	0.002		0.014	0.014	0.001		0.043	0.043	0.004		0.031	0.031	0.003	
31	6F Other	0		0.247	0.247	0.000		0.115	0.115	0.000		0.111	0.111	0.000		0.243	0.243	0.000		0.160	0.160	0.000	
32	6F Total	0		0.366	0.366	0.000		0.166	0.166	0.000		0.158	0.158	0.000		0.357	0.357	0.000		0.240	0.240	0.000	
33	7F 1234678	0.01		0.232	0.232	0.002		0.119	0.119	0.001		0.107	0.107	0.001		0.282	0.282	0.003		0.214	0.214	0.002	
34	7F 1234789	0.01		0.018	0.018	0.000		0.009	0.009	0.000		0.009	0.009	0.000		0.024	0.024	0.000		0.016	0.016	0.000	
35	7F Other	0		0.052	0.052	0.000		0.030	0.030	0.000		0.046	0.046	0.000		0.125	0.125	0.000		0.083	0.083	0.000	
36	7F Total	0		0.303	0.303	0.000		0.158	0.158	0.000		0.162	0.162	0.000		0.431	0.431	0.000		0.313	0.313	0.000	
37	8F	0.001		0.098	0.098	0.000		0.055	0.055	0.000		0.051	0.051	0.000		0.180	0.180	0.000		0.130	0.130	0.000	
38	Total PCDD/PCDF			1.758	1.758			0.988	0.988			0.915	0.915			1.666	1.666			1.274	1.274		
39	TEQ	4.5	0.030		0.029	15.9	0.013		0.012	15.5	0.013		0.012	7.7	0.024		0.023	11.4	0.018		0.017		

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	
1	222B4																									
2																										
3	ng/dscm																									
4																										
5																										
6																										
7	22:	35	TEQ		0.017	0.010	0.016	0.017	0.018	0.021	0.021															

	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y
1	222B5																						
2																							
3	ng/dscm																						
4																							
5																							
6		R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11											
7																							
8	TEQ	0.024	0.023	0.062	0.022	0.015	0.011	0.011	0.011	0.01700	0.02600	0.02500											