	B	C
1	**Source Description**	
2		
3	Phase I ID No.	3016
4	EPA ID No.	NYD980592497
5	Facility Name	Eastman Kodak Company
6	Facility Location	
7	City	Rochester
8	State	NY
9	Unit ID Name/No.	B-95, Unit No. 32
10	Other Sister Facilities	
11	Number of Sister Facilities	0
12	Combustor Class	Onsite incinerator
13	Combustor Type	Rotary hearth
14	Combustor Characteristics	The MHI is a eighth hearth unit manufactured by Envirotech.The sludge is fed to hearth 1 by a screw conveyor system. Drying of the feed occurs on hearths 1 and 2. Combustion takes place on hearth levels 3-5. Ash cools down on levels 6-7 and is discharged from the bottom of the unit.The residence time for the waste at maximum feed is about one hour. Flue gas leaving the MHI is routed to a Secondary Combustion Chamber (SCC) for organics destruction
15	Capacity (MMBtu/hr)	
16	Soot Blowing	
17	APCS Detailed Acronym	Q/PBS/VS/WESP
18	APCS General Class	WQ, LEWS, HEWS, WESP
19	APCS Characteristics	Quench, packed bed scrubber/absorber, variable throat venturi scrubber, wet electrostatic precipitator
20	Hazardous Wastes	Sludge
21	Haz Waste Description	Sludge is obtained from a wastewater purification plant and consists of insoluble solids removed by dedimentation in the primary clarifiers, and excess sludge, produced during the biological treatment stage.
22	Supplemental Fuel	Natural gas
23		
24	Stack Characteristics	
25	Diameter (ft)	3.4375
26	Height (ft)	
27	Gas Velocity (ft/sec)	29.0
28	Gas Temperature (°F)	120
29		
30	Permitting Status	Tier III for As, Cr, Cd, Pb?
31	HWC Burn Status (Date if Terminated)	

	B	C
1	**Condition Description**	
2		
3	**3016C1**	
4		
5	Report Name/Date	MHI Emission Test Results, February 1995
6	Report Prepare	TRC Environmental Corporation
7	Testing Firm	TRC Environmental Corporation
8	Testing Dates	December 20, 1994
9	Cond Dates	Dec-94
10	Condition Descr	Mini-burn, max feedrate
11	Content	PM, metals
12		
13	**3016C2**	
14		
15	Report Name/Date	First Mini Burn Test Report, March 1995
16	Report Prepare	TRC Environmental Corporation
17	Testing Firm	TRC Environmental Corporation
18	Testing Dates	March 1, 1995
19	Cond Dates	Mar-95
20	Condition Descr	Mini-burn, low temp
21	Content	PM, HCl/Cl2, DRE, PCDD/F
22		
23	**3016C3**	
24		
25	Report Name/Date	First Mini Burn Test Report, March 1995
26	Report Prepare	TRC Environmental Corporation
27	Testing Firm	TRC Environmental Corporation
28	Testing Dates	March 1, 1995
29	Cond Dates	Mar-95
30	Condition Descr	Mini-burn, high temp
31	Content	PM, HCl/Cl2, metals
32		
33	**3016C4**	
34		
35	Report Name/Date	Second Mini Burn Report. October 1995
36	Report Prepare	TRC Environmental Corporation
37	Testing Firm	TRC Environmental Corporation
38	Testing Dates	August 4, 1995
39	Cond Dates	Aug-95
40	Condition Descr	Mini-burn, max feedrate
41	Content	PM, metals, PCDD/F
42		
43	**3016C5**	
44		
45	Report Name/Date	Third and Fourth Mini Burn Report. October 1995
46	Report Prepare	TRC Environmental Corporation
47	Testing Firm	TRC Environmental Corporation
48	Testing Dates	August 19, 1998
49	Cond Dates	Aug-98
50	Condition Descr	Mini-burn, max feedrate, max temp at 1685 °F
51	Content	PM, metals
52		
53	**3016C6**	
54		
55	Report Name/Date	Third and Fourth Mini Burn Report. October 1995
56	Report Prepare	TRC Environmental Corporation
57	Testing Firm	TRC Environmental Corporation
58	Testing Dates	August 18, 1998
59	Cond Dates	Aug-98
60	Condition Descr	Mini-burn, max feedrate, max temp at 1615 °F
61	Content	PM, metals
62		
63	**3016C7**	
64		
65	Report Name/Date	Third and Fourth Mini Burn Report. October 1995
66	Report Prepare	TRC Environmental Corporation
67	Testing Firm	TRC Environmental Corporation
68	Testing Dates	March 30, 1999
69	Cond Dates	Mar-99
70	Condition Descr	Mini-burn, max feedrate, max temp at 1600 °F
71	Content	PM, metals

	B	C
72		
73	**3016C8**	
74		
75	Report Name/Date	Third and Fourth Mini Burn Report. October 1995
76	Report Prepare	TRC Environmental Corporation
77	Testing Firm	TRC Environmental Corporation
78	Testing Dates	March 31, 1999
79	Cond Dates	Mar-99
80	Condition Descr	Mini-burn, max feedrate, max temp at 1505 °F
81	Content	PM, metals
82		
83	**3016C9**	
84		
85	Report Name/Date	Fifth Mini Burn Report. January 2001
86	Report Prepare	TRC Environmental Corporation
87	Testing Firm	TRC Environmental Corporation
88	Testing Dates	July 26-27, 2000
89	Cond Dates	Jul-00
90	Condition Descr	Mini-burn, max feedrate, max #3 hearth temp
91	Content	PM, metals, HCl/Cl2, PCDD/F
92		
93	**3016C10**	
94		
95	Report Name/Date	Fifth Mini Burn Report. January 2001
96	Report Prepare	TRC Environmental Corporation
97	Testing Firm	TRC Environmental Corporation
98	Testing Dates	July 27-28, 2000
99	Cond Dates	Jul-00
100	Condition Descr	Trial burn, max feedrate, max #3 hearth temp
101	Content	PM, metals
102		
103	**3016C11**	
104		
105	Report Name/Date	Sixth Mini Burn Report. May 2001
106	Report Prepare	TRC Environmental Corporation
107	Testing Firm	TRC Environmental Corporation
108	Testing Dates	May 8, 2001
109	Cond Dates	May-01
110	Condition Descr	Mini-burn, max feedrate, low temp
111	Content	PM, HCl/Cl2
112		
113	**3016C12**	
114		
115	Report Name/Date	Sixth Mini Burn Report. May 2001
116	Report Prepare	TRC Environmental Corporation
117	Testing Firm	TRC Environmental Corporation
118	Testing Dates	May 9-11, 2001
119	Cond Dates	May-01
120	Condition Descr	Mini-burn, max feedrate, high temp
121	Content	PM, HCl/Cl2, metals
122		
123		
124	**3016C13**	
125		
126	Report Name/Date	Trial Burn Test Report for the Eastman Kodak B-95 Multiple Hearth Incinerator, March 2002
127	Report Prepare	TRC Environmental Corp
128	Testing Firm	TRC Environmental Corp
129	Testing Dates	Nov 29-30, 2001
130	Cond Dates	Nov-01
131	Condition Descr	Trial Burn, min secondary comb chamber (SCC) operating temp
132	Content	PM, HCl/Cl2, CO, HC, VOC/SVOC, POHC DRE, D/F
133		
134	**3016C14**	
135		
136	Report Name/Date	Trial Burn Test Report for the Eastman Kodak B-95 Multiple Hearth Incinerator, March 2002
137	Report Prepare	TRC Environmental Corp
138	Testing Firm	TRC Environmental Corp
139	Testing Dates	Dec 3-4, 2001
140	Cond Dates	Dec-01

	B	C
141	Condition Descr	Trial Burn, max waste feed, max SCC operating temp
142	Content	PM, HCl/Cl2, CO, HC, Metals, D/F
143		
144	**3016C15**	
145		
146	Report Name/Date	Trial Burn Test Report for the Eastman Kodak B-95 Multiple Hearth Incinerator, March 2002
147	Report Prepare	TRC Environmental Corp
148	Testing Firm	TRC Environmental Corp
149	Testing Dates	Nov 27-28, 2001
150	Cond Dates	Nov-01
151	Condition Descr	Trial Burn, low waste feed
152	Content	PM, CO, HC, POHC DRE

	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
1	**Stack Gas Emissions 1**																									
2																										
3		Comment Units		7% O2																						
4																										
5																										
6	**3016C1**					R1		R2		R3		R4		R5		R6		R7		R8		R9		Cond Avg		
7																										
8	PM	E1	gr/dscf	y		0.0028		0.0016		0.002														0.0021		
9																										
10	Arsenic		g/hr		nd	0.0491	nd	0.063	nd	0.0895																
11	Beryllium		g/hr		nd	0.0034	nd	0.0032	nd	0.0033																
12	Cadmium		g/hr			0.55	nd	0.583	nd	0.538																
13	Chromium		g/hr			0.0692		0.0692		0.0724																
14	Antimony		g/hr		nd	0.436	nd	0.343	nd	0.48																
15	Barium		g/hr			0.132		0.109		0.106																
16	Cobalt		g/hr		nd	0.0829	nd	0.0352	nd	0.12																
17	Copper		g/hr			0.192		0.144		0.218																
18	Lead		g/hr		nd	1.8	nd	2.35	nd	2.69																
19	Manganese		g/hr			0.094	nd	0.104		0.112																
20	Nickel		g/hr		nd	0.0671	nd	0.143	nd	0.0903																
21	Silver		g/hr			3.24		1.71		1.85																
22	Thallium		g/hr		nd	0.671	nd	0.632	nd	0.665																
23	Vanadium		g/hr		nd	0.0336	nd	0.0316	nd	0.0333																
24	Zinc		g/hr			5.15		7.03		8.41																
25																										
26	Sampling Train	PM, meta E1																								
27	Stack Gas Flowrate		dscfm			14463		14807		15067														14779.0		
28	O2		%			9.4		9.6		9.5														9.5		
29	Moisture		%			5.2		5.6		5.4														5.4		
30	Temperature		°F			98		97		97														97.3		
31																										
32	Arsenic	E1	ug/dscm	y	nd	2.41	nd	3.08	nd	4.26													100	3.2		
33	Beryllium	E1	ug/dscm	y	nd	0.17	nd	0.16	nd	0.16													100	0.2		
34	Cadmium	E1	ug/dscm	y		27.03	nd	28.48	nd	25.60													67	27.0		
35	Chromium	E1	ug/dscm	y		3.40		3.38		3.45														3.4		
36	Antimony	E1	ug/dscm	y	nd	21.43	nd	16.75	nd	22.84													100	20.3		
37	Barium	E1	ug/dscm	y		6.49		5.32		5.04														5.6		
38	Cobalt	E1	ug/dscm	y	nd	4.07	nd	1.72	nd	5.71													100	3.8		
39	Copper	E1	ug/dscm	y		9.44		7.03		10.37														8.9		
40	Lead	E1	ug/dscm	y	nd	88.46	nd	114.79	nd	128.00													100	110.4		High nd?
41	Manganese	E1	ug/dscm	y		4.62	nd	5.08		5.33													34	5.0		
42	Nickel	E1	ug/dscm	y	nd	3.30	nd	6.98	nd	4.30													100	4.9		
43	Silver	E1	ug/dscm	y		159.23		83.52		88.03														110.3		
44	Thallium	E1	ug/dscm	y	nd	32.98	nd	30.87	nd	31.64													100	31.8		
45	Vanadium	E1	ug/dscm	y	nd	1.65	nd	1.54	nd	1.58													100	1.6		
46	SVM	E1	ug/dscm	y		115.5		143.3		153.6														137.5		
47	LVM	E1	ug/dscm	y	43	5.98	49	6.61	56	7.86													50	6.8		
48																										
49	**3016C2**					R1		R2		R3		R4		R5		R6		R7		R8		R9		Cond Avg		
50																										
51	PM	E1	gr/dscf	y																				0.0022		
52	CO (RA)	E1	ppmv	y																			nd	1.1		
53	NOx	E1	ppmv	y																				105.0		
54	SO2	E1	ppmv	y																			nd	2.5		
55	HC (RA)	E1	ppmv	y																			nd	1		

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA
56																										
57	HCl		lb/hr																					0.006		
58	Cl2		lb/hr																					0.003		
59																										
60	POHC DRE	Chlorobenzene																								
61	POHC Feedrate		lb/hr			30		30		30																
62	Emission Rate	E1	lb/hr			1.62E-05		1.84E-05		1.80E-05																
63	DRE	E1	%			99.9999		99.9999		99.9999																
64																										
65	POHC DRE	Toluene																								
66	POHC Feedrate		lb/hr			30		30		30																
67	Emission Rate	E1	lb/hr			6.91E-04		7.03E-04		7.10E-04																
68	DRE	E1	%			99.9977		99.9977		99.9976																
69																										
70	Sampling Train	PM, HCl/(	E1																							
71	Stack Gas Flowrate		dscfm																					13082		
72	O2		%																					8.3		
73	Moisture		%																					4.60		
74	Temperature		°F																					110.00		
75																										
76	HCl	E1	ppmv	y																				0.1		
77	Cl2	E1	ppmv	y																				0.023		
78	Total Chlorine	E1	ppmv	y																				0.14		
79																										
80	**3016C3**					R1		R2		R3		R4		R5		R6		R7		R8		R9		Cond Avg		
81																										
82	PM	E1	gr/dscf	y																				0.0045		
83	CO (RA)	E1	ppmv	y																			nd	0.3		
84	NOx	E1	ppmv	y																				98.0		
85	SO2	E1	ppmv	y																			nd	1.7		
86	HC (RA)	E1	ppmv	y																			nd	1.1		
87																										
88	HCl		lb/hr																					0.007		
89	Cl2		lb/hr																					0.001		
90																										
91	Silver		g/hr																					0.286		
92	Barium		g/hr																					0.133		
93	Cobalt		g/hr																					0.018		
94	Copper		g/hr																					0.661		
95	Manganese		g/hr																					0.291		
96	Nickel		g/hr																					0.069		
97	Vanadium		g/hr																					0.009		
98	Zinc		g/hr																					10.702		
99	Arsenic		g/hr																					1.64		
100	Beryllium		g/hr																					0.001		
101	Cadmium		g/hr																					3.638		
102	Chromium		g/hr																					0.841		
103	Lead		g/hr																					29.663		
104	Antimony		g/hr																					0.701		
105	Thallium		g/hr																					0.027		
106																										
107																										
108	Sampling Train	PM, HCl/(	E1																							
109	Stack Gas Flowrate		dscfm																					14357		
110	O2		%																					8.1		

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA
111	Moisture		%																					5.60		
112	Temperature		°F																					125.00		
113																										
114	HCl	E1	ppmv	y																				0.1		
115	Cl2	E1	ppmv	y																				0.007		
116	Total Chlorine	E1	ppmv	y																				0.11		
117																										
118	Silver	E1	ug/dscm																					12.7		
119	Barium	E1	ug/dscm																					5.9		
120	Cobalt	E1	ug/dscm																					0.8		
121	Copper	E1	ug/dscm																					29.4		
122	Manganese	E1	ug/dscm																					13.0		
123	Nickel	E1	ug/dscm																					3.1		
124	Vanadium	E1	ug/dscm																					0.4		
125	Zinc	E1	ug/dscm																					476.4		
126	Arsenic	E1	ug/dscm																					73.0		
127	Beryllium	E1	ug/dscm																					0.0		
128	Cadmium	E1	ug/dscm																					162.0		
129	Chromium	E1	ug/dscm																					37.4		
130	Lead	E1	ug/dscm																					1320.5		
131	Antimony	E1	ug/dscm																					31.2		
132	Thallium	E1	ug/dscm																					1.2		
133	SVM	E1	ug/dscm																					1482.5		
134	LVM	E1	ug/dscm																					110.5		
135																										
136	**3016C4**	**Trial Burn**				R1		R2		R3		R4		R5		R6		R7		R8		R9		Cond Avg		
137																										
138	PM	E1	gr/dscf	y		0.0007		0.0004		0.0012														0.0008		
139																										
140	Antimony		g/hr			0.37		0.3		0.63																
141	Barium		g/hr			0.04		0.04		0.7																
142	Cobalt		g/hr		nd	0.03	nd	0.001	nd	1.41																
143	Copper		g/hr			0.14		0.16		0.25																
144	Lead		g/hr			1.43		1.46		2.8																
145	Manganese		g/hr			0.03		0.03		0.05																
146	Nickel		g/hr			0.05		0.06		0.1																
147	Silver		g/hr			0.04		0.03		0.03																
148	Thallium		g/hr		nd	0.007	nd	0.007	nd	0.007																
149	Vanadium		g/hr		nd	0.003	nd	0.003	nd	0.003																
150	Zinc		g/hr			4.71		4.14		6.78																
151	Arsenic		g/hr		nd	0.05	nd	0.05	nd	0.07																
152	Beryllium		g/hr		nd	0.001	nd	0.001	nd	0.001																
153	Cadmium		g/hr			0.1		0.1		0.16																
154	Chromium		g/hr			0.09		0.04		0.12																
155																										
156	Sampling Train	PM, meta	E1																							
157	Stack Gas Flowrate		dscfm			14338		14051		15500														14629.7		
158	O2		%			8.53		8.8		8.47														8.6		
159	Moisture		%			8.4		8.3		8.7														8.5		
160	Temperature		°F			135		134		137														135.3		
161																										
162	Sampling Train	PCDD/F	E2																							
163	Stack Gas Flowrate		dscfm			14052		13900		15036														14329.3		
164	O2		%			8.5		8.8		8.5														8.6		
165	Moisture		%																							

	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
166	Temperature		°F																							
167																										
168	Antimony	E1	ug/dscm	y		17.06		14.43		26.75														19.4		
169	Barium	E1	ug/dscm	y		1.84		1.92		29.72														11.2		
170	Cobalt	E1	ug/dscm	y	nd	1.38	nd	0.05	nd	59.86													100	20.4		
171	Copper	E1	ug/dscm	y		6.46		7.70		10.61														8.3		
172	Lead	E1	ug/dscm	y		65.94		70.22		118.87														85.0		
173	Manganese	E1	ug/dscm	y		1.38		1.44		2.12														1.6		
174	Nickel	E1	ug/dscm	y		2.31		2.89		4.25														3.1		
175	Silver	E1	ug/dscm	y		1.84		1.44		1.27														1.5		
176	Thallium	E1	ug/dscm	y	nd	0.32	nd	0.34	nd	0.30													100	0.3		
177	Vanadium	E1	ug/dscm	y	nd	0.14	nd	0.14	nd	0.13													100	0.1		
178	Zinc	E1	ug/dscm	y		217.20		199.12		287.83														234.7		
179	Arsenic	E1	ug/dscm	y	nd	2.31	nd	2.40	nd	2.97													100	2.6		
180	Beryllium	E1	ug/dscm	y	nd	0.05	nd	0.05	nd	0.04													100	0.0		
181	Cadmium	E1	ug/dscm	y		4.61		4.81		6.79														5.4		
182	Chromium	E1	ug/dscm	y		4.15		1.92		5.09														3.7		
183	SVM	E1	ug/dscm	y		70.6		75.0		125.7														90.4		
184	LVM	E1	ug/dscm	y	36	6.5	56	4.4	37	8.1													41	6.3		
185																										
186																										
187	**3016C5**	**Trial Burn**				R1		R2		R3		R4		R5		R6		R7		R8		R9		Cond Avg		
188																										
189	PM	E1	gr/dscf	y		0.0035		0.0044		0.0035														0.0038		
190																										
191	Antimony		g/hr																					0.0063		
192	Arsenic		g/hr																					0.00028		
193	Barium		g/hr																				nd	0.0016		
194	Beryllium		g/hr																					9.80E-07		
195	Cadmium		g/hr																					0.001		
196	Chromium		g/hr																					0.000		
197	Cobalt		g/hr																					0.006		
198	Copper		g/hr																					0.002		
199	Lead		g/hr																					0.018		
200	Maganese		g/hr																					0.000		
201	Nickel		g/hr																					0.000		
202	Selenium		g/hr																					0.000		
203	Silver		g/hr																					0.006		
204	Thallium		g/hr																					0.000		
205	Vanadium		g/hr																					0.000		
206	Zinc																							0.013		
207																										
208	Sampling Train	PM, meta	E1																							
209	Stack Gas Flowrate		dscfm																					16732.4		
210	O2		%																							
211	Moisture		%																							
212	Temperature		°F																							
213																										
214	Antimony	E1	ug/dscm	y																				100.7		
215	Arsenic	E1	ug/dscm	y																				4.5		
216	Barium	E1	ug/dscm	y																			100	25.6		
217	Beryllium	E1	ug/dscm	y																				0.0		
218	Cadmium	E1	ug/dscm	y																				22.4		
219	Chromium	E1	ug/dscm	y																				2.7		
220	Cobalt	E1	ug/dscm	y																				94.3		

	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
221	Copper	E1	ug/dscm	y																				35.2		
222	Lead	E1	ug/dscm	y																				287.6		
223	Maganese	E1	ug/dscm	y																				2.2		
224	Nickel	E1	ug/dscm	y																				2.4		
225	Selenium	E1	ug/dscm	y																				1.5		
226	Silver	E1	ug/dscm	y																				102.3		
227	Thallium	E1	ug/dscm	y																				1.1		
228	Vanadium	E1	ug/dscm	y																				0.0		
229	Zinc	E1	ug/dscm	y																				207.7		
230	SVM	E1	ug/dscm	y																				310.0		
231	LVM	E1	ug/dscm	y																				7.2		
232																										
233																										
234	**3016C6**					R1		R2		R3		R4		R5		R6		R7		R8		R9		Cond Avg		
235																										
236	PM	E1	gr/dscf	y		0.0029		0.0025																0.0027		
237																										
238	Antimony		g/hr																					0.0015		
239	Arsenic		g/hr																					0.000068		
240	Barium		g/hr																					0.0015		
241	Beryllium		g/hr																					0.00E+00		
242	Cadmium		g/hr																					0.000		
243	Chromium		g/hr																					0.000		
244	Cobalt		g/hr																					0.000		
245	Copper		g/hr																					0.001		
246	Lead		g/hr																					0.007		
247	Maganese		g/hr																					0.000		
248	Nickel		g/hr																					0.000		
249	Selenium		g/hr																					0.000		
250	Silver		g/hr																					0.004		
251	Thallium		g/hr																					0.000		
252	Vanadium		g/hr																					0.000		
253	Zinc																							0.006		
254																										
255	Sampling Train	PM, meta	E1																							
256	Stack Gas Flowrate		dscfm																					14141.9		
257	O2		%																							
258	Moisture		%																							
259	Temperature		°F																							
260																										
261	Antimony	E1	ug/dscm	y																				28.4		
262	Arsenic	E1	ug/dscm	y																				1.3		
263	Barium	E1	ug/dscm	y																			100	28.4		
264	Beryllium	E1	ug/dscm	y																				0.0		
265	Cadmium	E1	ug/dscm	y																				9.3		
266	Chromium	E1	ug/dscm	y																				1.9		
267	Cobalt	E1	ug/dscm	y																				0.3		
268	Copper	E1	ug/dscm	y																				20.8		
269	Lead	E1	ug/dscm	y																				134.2		
270	Maganese	E1	ug/dscm	y																				1.2		
271	Nickel	E1	ug/dscm	y																				2.8		
272	Selenium	E1	ug/dscm	y																			100	1.1		
273	Silver	E1	ug/dscm	y																				68.1		
274	Thallium	E1	ug/dscm	y																				0.2		
275	Vanadium	E1	ug/dscm	y																				0.1		

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA
276	Zinc	E1	ug/dscm	y																				105.9		
277	SVM	E1	ug/dscm	y																				143.5		
278	LVM	E1	ug/dscm	y																				3.2		
279																										
280	**3016C7**					R1		R2		R3		R4		R5		R6		R7		R8		R9		Cond Avg		
281																										
282	PM	E1	gr/dscf	y		0.0021		0.0032		0.0031														0.0028		
283																										
284	Antimony		g/hr																					0.001		
285	Arsenic		g/hr																					6.30E-05		
286	Barium		g/hr																					0.024		
287	Beryllium		g/hr																					1.17E-06		
288	Cadmium		g/hr																					0.001		
289	Chromium		g/hr																					0.000		
290	Cobalt		g/hr																					0.000		
291	Copper		g/hr																					0.000		
292	Lead		g/hr																					0.001		
293	Maganese		g/hr																					0.000		
294	Mercury		g/hr																					0.000		
295	Nickel		g/hr																					0.000		
296	Selenium		g/hr																					0.001		
297	Silver		g/hr																					0.002		
298	Thallium		g/hr																					0.001		
299	Vanadium		g/hr																					0.000		
300	Zinc		g/hr																					0.007		
301																										
302	Sampling Train	PM, meta	E1																							
303	Stack Gas Flowrate		dscfm																					13750.6		
304	O2		%																							
305	Moisture		%																							
306	Temperature		°F																							
307																										
308	Antimony	E1	ug/dscm	y																				19.4		
309	Arsenic	E1	ug/dscm	y																				1.2		
310	Barium	E1	ug/dscm	y																				466.7		
311	Beryllium	E1	ug/dscm	y																				0.0		
312	Cadmium	E1	ug/dscm	y																				11.7		
313	Chromium	E1	ug/dscm	y																				1.9		
314	Cobalt	E1	ug/dscm	y																				0.2		
315	Copper	E1	ug/dscm	y																				7.6		
316	Lead	E1	ug/dscm	y																				27.2		
317	Maganese	E1	ug/dscm	y																				2.7		
318	Mercury	E1	ug/dscm	y																				3.5		
319	Nickel	E1	ug/dscm	y																				2.7		
320	Selenium	E1	ug/dscm	y																				16.7		
321	Silver	E1	ug/dscm	y																				40.8		
322	Thallium	E1	ug/dscm	y																				21.1		
323	Vanadium	E1	ug/dscm	y																				0.0		
324	Zinc	E1	ug/dscm	y																				128.3		
325	SVM	E1	ug/dscm	y																				38.9		
326	LVM	E1	ug/dscm	y																				3.2		
327																										
328	**3016C8**					R1		R2		R3		R4		R5		R6		R7		R8		R9		Cond Avg		
329																										
330	PM	E1	gr/dscf	y		0.0038		0.0047		0.0031														0.0039		

	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
331																										
332	Antimony		g/hr																					0.00072		
333	Arsenic		g/hr																					2.90E-05		
334	Barium		g/hr																					0.01		
335	Beryllium		g/hr																					5.70E-07		
336	Cadmium		g/hr																					0.000		
337	Chromium		g/hr																					0.000		
338	Cobalt		g/hr																					0.000		
339	Copper		g/hr																					0.000		
340	Lead		g/hr																					0.000		
341	Maganese		g/hr																					0.000		
342	Mercury		g/hr																					0.001		
343	Nickel		g/hr																					0.000		
344	Selenium		g/hr																					0.001		
345	Silver		g/hr																					0.001		
346	Thallium		g/hr																					0.000		
347	Vanadium		g/hr																					0.000		
348	Zinc		g/hr																					0.007		
349																										
350	Sampling Train	PM, meta E1																								
351	Stack Gas Flowrate		dscfm																					10180.8		
352	O2		%																							
353	Moisture		%																							
354	Temperature		°F																							
355																										
356	Antimony	E1	ug/dscm	y																				14.0		
357	Arsenic	E1	ug/dscm	y																				0.6		
358	Barium	E1	ug/dscm	y																				194.4		
359	Beryllium	E1	ug/dscm	y																				0.0		
360	Cadmium	E1	ug/dscm	y																				5.4		
361	Chromium	E1	ug/dscm	y																				2.1		
362	Cobalt	E1	ug/dscm	y																				0.0		
363	Copper	E1	ug/dscm	y																				2.9		
364	Lead	E1	ug/dscm	y																				7.4		
365	Maganese	E1	ug/dscm	y																				2.9		
366	Mercury	E1	ug/dscm	y																				12.8		
367	Nickel	E1	ug/dscm	y																				2.3		
368	Selenium	E1	ug/dscm	y																				13.6		
369	Silver	E1	ug/dscm	y																				23.3		
370	Thallium	E1	ug/dscm	y																				0.0		
371	Vanadium	E1	ug/dscm	y																				0.1		
372	Zinc	E1	ug/dscm	y																				130.3		
373	SVM	E1	ug/dscm	y																				12.8		
374	LVM	E1	ug/dscm	y																				2.7		
375																										
376	**3016C9**					R1		R2		R3		R4		R5		R6		R7		R8		R9		Cond Avg		
377																										
378	PM	E1	gr/dscf	y		0.0023		0.002		0.0013														0.0019		
379	CO (RA)	E1	ppmv	y		2.3		4.7		9.7														5.5667		
380																										
381	Mercury	E1	ug/dscm	y		14		20		14														16		
382	SVM	E1	ug/dscm	y		225		229		116														190		
383	LVM	E1	ug/dscm	y		11		19		6														12		
384																										
385	Sampling Train	PM, meta E1																								

	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
386	Stack Gas Flowrate		dscfm			11395.1		10777.8		11690.7														11287.8		
387	O2		%			6.2		7.4		7.6														7.1		
388	Moisture		%																							
389	Temperature		°F																							
390																										
391	**3016C10**					R1		R2		R3		R4		R5		R6		R7		R8		R9		Cond Avg		
392																										
393	PM	E1	gr/dscf	y		0.00069		0.0024		0.00084														0.0013		
394	CO (RA)	E1	ppmv	y		9		7		6														7.3333		
395																										
396	Mercury	E1	ug/dscm	y		21		20		14														18		
397	SVM	E1	ug/dscm	y		112		116		34														87		
398	LVM	E1	ug/dscm	y		60		15		12														29		
399																										
400	Sampling Train	PM, meta	E1																							
401	Stack Gas Flowrate		dscfm																							
402	O2		%			7.6		6.9		6.2														6.9		
403	Moisture		%																							
404	Temperature		°F																							
405																										
406	**3016C11**					R1		R2		R3		R4		R5		R6		R7		R8		R9		Cond Avg		
407																										
408	PM	E1	gr/dscf	y		0.018		0.019																0.0185		
409	CO (RA)	E1	ppmv	y		1.84		1.51																1.68		
410																										
411	HCl	E1	ppmv	y		0.206		0.0353																0.12		
412	Cl2	E1	ppmv	y		0.184		0.058																0.12		
413	Total Chlorine	E1	ppmv	y		0.574		0.1513																0.36		
414																										
415	POHC DRE	Chlorobenzene																								
416	POHC Feedrate		lb/hr			23		23																		
417	Emission Rate	E1	lb/hr		nd	4.10E-04	nd	3.70E-04																		
418	DRE	E1	%			99.998		99.998																		
419																										
420	Sampling Train	PM, HCl/(	E1																							
421	Stack Gas Flowrate		dscfm			11794		11426																11610.0		
422	O2		%			5.5		5.5																5.5		
423	Moisture		%																							
424	Temperature		°F																							
425																										
426	**3016C12**					R1		R2		R3		R4		R5		R6		R7		R8		R9		Cond Avg		
427																										
428	PM	E1	gr/dscf	y		0.0011		0.0019		0.0007		0.0010		0.001		0.002		0.0022		0.0013		0.0015		0.0014		
429	CO (RA)	E1	ppmv	y		1.26		1.25		1.25		1.60		1.25		1.25		1.26		1.26		1.25		1.2922		
430																										
431	HCl	E1	ppmv	y	nd	0.038	nd	0.035	nd	0.041	nd	0.03	nc	0.035	nd	0.106	nd	0.038	nd	0.035	nc	0.04		0.0443		
432	Cl2	E1	ppmv	y		0.1		0.05		0.05		0.04		0.04	nd	0.033	nd	0.043	nd	0.036	nc	0.041		0.0481		
433	Total Chlorine	E1	ppmv	y		0.219		0.1175		0.1205		0.0955		0.0975		0.086		0.062		0.0535		0.061		0.1014		
434																										
435	Antimony	E1	ug/dscm	y		52		20		36		4		33		95		63		18		17		37.6		
436	Arsenic	E1	ug/dscm	y		1.7		2		1.1		1		1.2		4.1		3.2		1.1		0.71		1.8		
437	Barium	E1	ug/dscm	y		2.9		3.6		2.5		1		1.4		2.3		1.8		0.28		0.09		1.7		
438	Beryllium	E1	ug/dscm	y		0.022		0.046		0.017		0.01		0.011		0.046		0.027		0.035		0.021		0.0		
439	Cadmium	E1	ug/dscm	y		41		72		27		22		19		58		40		35		20		37.1		
440	Chromium	E1	ug/dscm	y		11		20		7.5		4		9.4		12		6.6		5.1		5.6		9.0		

	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
441	Cobalt	E1	ug/dscm	y		13		0.031		9.1		7		0.016		0.89		2.8		0.19		0.08		3.7		
442	Copper	E1	ug/dscm	y		23		29		8.6		8		9		24		20		10		6.7		15.4		
443	Lead	E1	ug/dscm	y		106		154		60		52		69		197		136		75		48		99.7		
444	Manganese	E1	ug/dscm	y		2.8		1.1		0.93		3		0.88		8		3.4		5		7.7		3.7		
445	Mercury	E1	ug/dscm	y		13		10		48		20		13		5.7		20		5.9		29		18.3		
446	Nickel	E1	ug/dscm	y		32		10		21		2		20		30		1.5		2.6		1.2		13.4		
447	Selenium	E1	ug/dscm	y		0.76		0.83		0.41		0.25		0.38		1.3		0.75		0.18		0.43		0.6		
448	Silver	E1	ug/dscm	y		72		21		90		24		68		56		45		12		22		45.6		
449	Thallium	E1	ug/dscm	y		6.9		10		4.1		4		3.5		10		7.6		4.9		2.3		5.9		
450	Vanadium	E1	ug/dscm	y		0.13		0.19		0.08		0.10		0.075		15		0.16		0.13		0.064		1.8		
451	Zinc	E1	ug/dscm	y		76		97		29		28		38		93		58		35		28		53.6		
452	SVM	E1	ug/dscm	y		147.0		226.0		87.0		74.0		88.0		255.0		176.0		110.0		68.0		136.8		
453	LVM	E1	ug/dscm	y		12.7		22.0		8.6		5.4		10.6		16.1		9.8		6.2		6.3		10.9		
454																										
455	Sampling Train	PM, meta	E1																							
456	Stack Gas Flowrate		dscfm			12340.3		13101.3		11883.3		12390.5		12153.3		12946.5		12307.7		12923.0		12896.8		12549.2		
457	O2		%																							
458	Moisture		%																							
459	Temperature		°F																							
460																										
461																										
462	**3016C13**		Units	7% O2		R1		R2		R3		R4		R5		R6		R7		R8		R9		Cond Avg		
463																										
464	PM	E1	gr/dscf	y		0.0037		0.0037		0.0025														0.0033		
465	CO (RA)		ppmv			1.6		1.5		1.6																
466	HC (RA)		ppmv			1.92		0.96		1.35																
467																										
468	HCl	E1	ppmv	y		0.14		0.14		0.11														0.130		
469	Cl2	E1	ppmv	y	nd	0.015	nd	0.015	nd	0.016													100	0.008		
470	Total Chlorine	E1	ppmv	y		0.170		0.170		0.142														0.161		
471																										
472	HBr		g/hr		nd	2.1	nd	2	nd	2.0																
473	Br2		g/hr		nd	2.1	nd	2.1	nd	2.0																
474																										
475	HF		g/hr		nd	0.52	nd	0.53	nd	0.51																
476	F2		g/hr		nd	1.0	nd	1.1	nd	1.0																
477																										
478	HI		g/hr		nd	10	nd	11	nd	10																
479	I2		g/hr		nd	10	nd	11	nd	10																
480																										
481																										
482	POHC DRE	Chlorobenzene																								
483	Feedrate		lb/hr			71.8		72		71.6														71.8		
484	Emission Rate	E1	lb/hr		nd	0.000054	nd	0.000056	nd	0.000052													nd	0.000054		
485	DRE	E1	%		>	99.99992%	>	99.99992%	>	99.99993%																
486																										
487	POHC DRE	Toluene																								
488	Feedrate		lb/hr			21		22		18														20.3		
489	Emission Rate	E1	lb/hr		nd	0.00039	nd	0.00021	nd	0.00018													nd	0.00026		
490	DRE	E1	%		>	99.9981%	>	99.9990%	>	99.9990%																
491																										
492																										
493	Sampling Train	PM	E1																							
494	Stack Gas Flowrate		dscfm			14350		14927		13812														14363.0		
495	O2		%			7.86		8.2		7.61														7.9		

	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
496	Moisture		%			7.56		7.25		8.12														7.6		
497	Temperature		°F			174.1		172.4		171.5														172.7		
498																										
499	Sampling Train	PCCD/F	E2																							
500	Stack Gas Flowrate		dscfm			14256		14728		14151														14378		
501	O2		%			7.86		8.2		7.61														7.89		
502	Moisture		%			7.47		7.48		7.49														7.5		
503	Temperature		°F			166.5		164.7		164.6														165.3		
504																										
505																										
506	CO (RA)	E1	ppmv	y		1.7		1.6		1.7														1.7		
507	HC (RA)	E1	ppmv	y		2.0		1.0		1.5														1.5		
508																										
509																										
510	**3016C14**		Units	7% O2		R1		R2		R3		R4		R5		R6		R7		R8		R9		Cond Avg		
511																										
512	PM	E1	gr/dscf	y		0.0023		0.0023		0.0024														0.0023		
513	CO (RA)		ppmv	n		1.2		1.4		1.6																
514	HC (RA)		ppmv	n		0.8		1.1		0.97																
515																										
516	HCl	E1	ppmv	y		0.14		0.14		0.13														0.137		
517	Cl2	E1	ppmv	y	nd	0.016	nd	0.016	nd	0.015													100	0.008		
518	Total Chlorine	E1	ppmv	y		0.172		0.172		0.160														0.168		
519																										
520	HBr		g/hr		nd	2.1	nd	2.1	nd	2.1																
521	Br2		g/hr		nd	2.1	nd	2.1	nd	2.1																
522																										
523	HF		g/hr		nd	0.52	nd	0.51	nd	0.51																
524	F2		g/hr		nd	1.0	nd	1.0	nd	1.0																
525																										
526	HI		g/hr		nd	10	nd	10	nd	10																
527	I2		g/hr		nd	10	nd	10	nd	10																
528																										
529																										
530	Aluminum	E2	ug/dscm	y		35		35		33														34.3		
531	Arsenic	E2	ug/dscm	y		3.9		3.4		3.4														3.6		
532	Barium	E2	ug/dscm	y		2.2		2.3		3.7														2.7		
533	Beryllium	E2	ug/dscm	y		0.032		0.046		0.048														0.0		
534	Cadmium	E2	ug/dscm	y		82		94		110														95.3		
535	Chromium	E2	ug/dscm	y		6.8		8.6		8.4														7.9		
536	Cobalt	E2	ug/dscm	y		0.11		0.15		0.13														0.1		
537	Copper	E2	ug/dscm	y		92		101		97														96.7		
538	Lead	E2	ug/dscm	y		366		343		436														381.7		
539	Manganese	E2	ug/dscm	y		3.8		5		9														5.9		
540	Nickel	E2	ug/dscm	y		3.2		1.2		1														1.8		
541	Selenium	E2	ug/dscm	y		1.7		1.6		2.1														1.8		
542	Silver	E2	ug/dscm	y		43		24		30														32.3		
543	Thallium	E2	ug/dscm	y		34		39		41														38.0		
544	Vanadium	E2	ug/dscm	y		0.24		0.3		0.3														0.3		
545	Zinc	E2	ug/dscm	y		97		82		91														90.0		
546																										
547	SVM	E2	ug/dscm	y		448		437		546														477		
548	LVM	E2	ug/dscm	y		10.7		12.0		11.8														11.5		
549																										
550	Sampling Train	PM, HCl/C	E1																							

	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
551	Stack Gas Flowrate		dscfm			12068		12637		12876														12527.0		
552	O2		%			6.15		6.38		6.64														6.4		
553	Moisture		%			6.94		7.34		7.66														7.3		
554	Temperature		°F			169		168.4		169.8														169.1		
555																										
556	Sampling Train	Metals	E2																							
557	Stack Gas Flowrate		dscfm			12395		12696		12745														12612		
558	O2		%			6.15		6.38		6.64														6.39		
559	Moisture		%			7.44		7.76		8.11														7.8		
560	Temperature		°F			170.5		171.1		170.3														170.6		
561																										
562																										
563	CO (RA)	E1	ppmv	y		1.1		1.3		1.6														1.3		
564	HC (RA)	E1	ppmv	y		0.8		1.1		1.0														1.0		
565																										
566																										
567	**3016C15**		Units	7% O2		R1		R2		R3		R4		R5		R6		R7		R8		R9		Cond Avg		
568																										
569	PM	E1	gr/dscf	y		0.00034		0.0011		0.0011														0.0008		
570	CO (RA)		ppmv			1.8		2.0		2.1																
571	HC (RA)		ppmv			0.77		0.84		0.8																
572																										
573																										
574	POHC DRE	Chlorobenzene																								
575	Feedrate		lb/hr			35.6		36		36														35.86667		
576	Emission Rate	E1	lb/hr		nd	0.000038	nd	0.00004	nd	0.000039													nd	0.000039		
577	DRE	E1	%		>	99.9999%	>	99.9999%	>	99.9999%																
578																										
579	POHC DRE	Toluene																								
580	Feedrate		lb/hr			10.5		10.4		7.0														9.3		
581	Emission Rate	E1	lb/hr		nd	0.00015	nd	0.00018	nd	0.00023													nd	0.000187		
582	DRE	E1	%		>	99.9986%	>	99.9983%	>	99.9967%																
583																										
584																										
585	Sampling Train	PM	E1																							
586	Stack Gas Flowrate		dscfm			9978		10385		10462														10275.0		
587	O2		%			9.87		10.4		10.6														10.3		
588	Moisture		%			5.18		5.36		5.37														5.3		
589	Temperature		°F			158.4		157.7		158.3														158.1		
590																										
591	CO (RA)	E1	ppmv	y		2.3		2.6		2.8														2.6		
592	HC (RA)	E1	ppmv	y		1.0		1.1		1.1														1.1		

	B	C	D	E	F	G	H
1	**Feedstream 1**						
2							
3	**3016C1**	**Trial burn**			Cond Avg		Cond Avg
4							
5	Feedstream Number				F1		F2
6	Feed Class				Sludge		Total
7	Feed Class 2				HW		Total
8	Feedstream Description				Sludge		Total
9	Feed Rate		lb/hr		3,950.0		
10	Thermal Feedrate		MM Btu/hr				
11	Arsenic		g/hr		52.00		
12	Beryllium		g/hr	nd	0.07		
13	Cadmium		g/hr		34		
14	Chromium		g/hr		179		
15	Antimony		g/hr		251		
16	Barium		g/hr		1971		
17	Cobalt		g/hr		9.7		
18	Copper		g/hr		376.00		
19	Lead		g/hr		412		
20	Manganese		g/hr		5913		
21	Nickel		g/hr		59		
22	Silver		g/hr		502		
23	Thallium		g/hr	nd	7.1		
24	Vanadium		g/hr		23		
25	Zinc		g/hr		4479		
26							
27							
28	Stack Gas Flowrate		dscfm		14357		
29	Oxygen		%		8.1		
30							
31	Thermal Feedrate		MMBtu/hr				
32	Estimated Firing Rate		MMBtu/hr				
33							
34	*Feedrate MTEC Calculations*						
35	Arsenic		ug/dscm		2314.9		2314.9
36	Beryllium		ug/dscm	100	3.2	100	3.2
37	Cadmium		ug/dscm		1513.6		1513.6
38	Chromium		ug/dscm		7968.7		7968.7
39	Antimony		ug/dscm		11174.1		11174.1
40	Barium		ug/dscm		87745.2		87745.2
41	Cobalt		ug/dscm		431.8		431.8
42	Copper		ug/dscm		16738.8		16738.8
43	Lead		ug/dscm		18341.5		18341.5
44	Manganese		ug/dscm		263235.7		263235.7
45	Nickel		ug/dscm		2626.6		2626.6
46	Silver		ug/dscm		22348.1		22348.1
47	Thallium		ug/dscm	100	316.1	100	316.1
48	Vanadium		ug/dscm		1023.9		1023.9
49	Zinc		ug/dscm		199396.7		199396.7
50	SVM		ug/dscm		19855.1		19855.1
51	LVM		ug/dscm	0	10285.3	0.03	10285.3
52							
53	**3016C2**	**Trial burn**			Cond Avg		
54							
55	Feedstream Number				F1		
56	Feed Class				Liq non-HW		
57	Feedstream Description				Waste Feed		
58	Feed Rate		lb/hr		3,918.3		
59	Thermal Feedrate		MM Btu/hr				
60	Ash		lb/hr				

	B	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR
1	**Feedstream 1**															
2																
3	**3016C1**															
4																
5	Feedstream Number															
6	Feed Class															
7	Feed Class 2															
8	Feedstream Description															
9	Feed Rate															
10	Thermal Feedrate															
11	Arsenic															
12	Beryllium															
13	Cadmium															
14	Chromium															
15	Antimony															
16	Barium															
17	Cobalt															
18	Copper															
19	Lead															
20	Manganese															
21	Nickel															
22	Silver															
23	Thallium															
24	Vanadium															
25	Zinc															
26																
27																
28	Stack Gas Flowrate															
29	Oxygen															
30																
31	Thermal Feedrate															
32	Estimated Firing Rate															
33																
34	*Feedrate MTEC Calculat*															
35	Arsenic															
36	Beryllium															
37	Cadmium															
38	Chromium															
39	Antimony															
40	Barium															
41	Cobalt															
42	Copper															
43	Lead															
44	Manganese															
45	Nickel															
46	Silver															
47	Thallium															
48	Vanadium															
49	Zinc															
50	SVM															
51	LVM															
52																
53	**3016C2**															
54																
55	Feedstream Number															
56	Feed Class															
57	Feedstream Description															
58	Feed Rate															
59	Thermal Feedrate															
60	Ash															

	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	AC
61	Chlorine		lb/hr																									
62																												
63	**3016C3**	**Trial burn**			Cond Avg		Cond Avg		Cond Avg																			
64																												
65	Feedstream Number				F1		F2		F3																			
66	Feed Class				Liq non-HW		Spike		Total																			
67	Feed Class 2				Non-HW		Spike		Total																			
68	Feedstream Description				Waste Feed		Spike		Total																			
69	Feed Rate		lb/hr		3,880.7																							
70	Thermal Feedrate		MM Btu/hr																									
71	Silver		g/hr		2067.50																							
72	Barium		g/hr		657.33																							
73	Cobalt		g/hr		48.25																							
74	Copper		g/hr		211.97																							
75	Manganese		g/hr		6727.37																							
76	Nickel		g/hr		22.13																							
77	Vanadium		g/hr		24.07																							
78	Zinc		g/hr		3631.33																							
79	Arsenic		g/hr		255.43		224																					
80	Beryllium		g/hr		0.5																							
81	Cadmium		g/hr		261.62		242																					
82	Chromium		g/hr		884.34		600																					
83	Lead		g/hr		2027.11		1722																					
84	Antimony		g/hr		148.46																							
85	Thallium		g/hr		3.91																							
86																												
87																												
88	Stack Gas Flowrate		dscfm		14357																							
89	Oxygen		%		8.1																							
90																												
91	Thermal Feedrate		MMBtu/hr																									
92	Estimated Firing Rate		MMBtu/hr																									
93																												
94	*Feedrate MTEC Calculations*																											
95	Silver		ug/dscm		92041.2				92041.2																			
96	Barium		ug/dscm		29263.1				29263.1																			
97	Cobalt		ug/dscm		2148.0				2148.0																			
98	Copper		ug/dscm		9436.5				9436.5																			
99	Manganese		ug/dscm		299489.9				299489.9																			
100	Nickel		ug/dscm		985.2				985.2																			
101	Vanadium		ug/dscm		1071.6				1071.6																			
102	Zinc		ug/dscm		161660.0				161660.0																			
103	Arsenic		ug/dscm		11371.3		9972.1		21343.3																			
104	Beryllium		ug/dscm		22.3				22.3																			
105	Cadmium		ug/dscm		11646.8		10773.4		22420.2																			
106	Chromium		ug/dscm		39369.2		26710.9		66080.0																			
107	Lead		ug/dscm		90243.2		76660.2		166903.4																			
108	Antimony		ug/dscm		6609.2				6609.2																			
109	Thallium		ug/dscm		174.1				174.1																			
110	SVM		ug/dscm		101890.0		87433.6		189323.6																			
111	LVM		ug/dscm		50762.7		36682.9		87445.6																			
112																												
113																												
114	**3016C4**	**Trial burn**			R1		R2		R3		Cond Avg.		R1		R2		R3		Cond Avg.									
115																												
116	Feedstream Number				F1		F1		F1		F1		F2		F2		F2		F2									
117	Feed Class				Liq non-HW		Liq non-HW		Liq non-HW		Liq non-HW		Total		Total		Total		Total									
118	Feed Class 2				Non-HW		Non-HW		Non-HW		Non-HW		Total		Total		Total		Total									
119	Feedstream Description				Waste Feed		Waste Feed		Waste Feed		Waste Feed		Total		Total		Total		Total									
120	Feed Rate		lb/hr		3,900.0		3900		3900																			

	B	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR
61	Chlorine															
62																
63	**3016C3**															
64																
65	Feedstream Number															
66	Feed Class															
67	Feed Class 2															
68	Feedstream Description															
69	Feed Rate															
70	Thermal Feedrate															
71	Silver															
72	Barium															
73	Cobalt															
74	Copper															
75	Manganese															
76	Nickel															
77	Vanadium															
78	Zinc															
79	Arsenic															
80	Beryllium															
81	Cadmium															
82	Chromium															
83	Lead															
84	Antimony															
85	Thallium															
86																
87																
88	Stack Gas Flowrate															
89	Oxygen															
90																
91	Thermal Feedrate															
92	Estimated Firing Rate															
93																
94	*Feedrate MTEC Calculat*															
95	Silver															
96	Barium															
97	Cobalt															
98	Copper															
99	Manganese															
100	Nickel															
101	Vanadium															
102	Zinc															
103	Arsenic															
104	Beryllium															
105	Cadmium															
106	Chromium															
107	Lead															
108	Antimony															
109	Thallium															
110	SVM															
111	LVM															
112																
113																
114	**3016C4**															
115																
116	Feedstream Number															
117	Feed Class															
118	Feed Class 2															
119	Feedstream Description															
120	Feed Rate															

	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	AC
121	Heating Value		Btu/lb		6,720.0		6760		6790																			
122	Moisture		%		77.2		78.5		78.6																			
123	Thermal Feedrate		MM Btu/hr																									
124	Ash		%		22		20.4		20.4																			
125	Chlorine		%		0.04		0.17		0.12																			
126	Antimony		g/hr		805.0		673.00		628																			
127	Arsenic		g/hr		41.4		39.97		38.11																			
128	Barium		g/hr		4211		4606		4122																			
129	Beryllium		g/hr	nd	1.65	nd	1.67	nd	1.63																			
130	Cadmium		g/hr		32.62		28.19		27.48																			
131	Chromium		g/hr		339.6		281.9		274.8																			
132	Cobalt		g/hr		13.3		9.2		8.07																			
133	Copper		g/hr		681		585		596																			
134	Lead		g/hr		1048		877		856																			
135	Manganese		g/hr		4106		3833		3859																			
136	Mercury		g/hr	nd	0.64	nd	0.689	nd	0.691																			
137	Nickel		g/hr		322.1		251.7		234.9																			
138	Silver		g/hr		556		527		521																			
139	Thallium		g/hr	nd	8.27	nd	8.33	nd	8.13																			
140	Vanadium		g/hr		22.06		17.21		16.24																			
141	Zinc		g/hr		7561		6467		6338																			
142																												
143	Stack Gas Flowrate		dscfm		14338		14051		15500		14629.67																	
144	Oxygen		%		8.53		8.8		8.47		8.6																	
145																												
146	Thermal Feedrate		MMBtu/hr																									
147	Estimated Firing Rate		MMBtu/hr																									
148																												
149	*Feedrate MTEC Calculations*																											
150	Ash		mg/dscm		17963.0		17373.0		15334.1		16890.0		17963.0		17373.0		15334.1		16890.0									
151	Chlorine		ug/dscm		32660.0		144774.7		90200.6		89211.7		32660.0		144774.7		90200.6		89211.7									
152	Antimony		ug/dscm		37122.0		32369.7		26660.4		32050.7		37122.0		32369.7		26660.4		32050.7									
153	Arsenic		ug/dscm		1907.3		1922.5		1617.9		1815.9		1907.3		1922.5		1617.9		1815.9									
154	Barium		ug/dscm		194187.2		221537.5		174990.9		196905.2		194187.2		221537.5		174990.9		196905.2									
155	Beryllium		ug/dscm	100	76.1	100	80.3	100	69.2	100	75.2	100	38.0	100	40.2	100	34.6	100	37.6									
156	Cadmium		ug/dscm		1504.2		1355.9		1166.6		1342.2		1504.2		1355.9		1166.6		1342.2									
157	Chromium		ug/dscm		15660.4		13558.7		11666.1		13628.4		15660.4		13558.7		11666.1		13628.4									
158	Cobalt		ug/dscm		613.3		442.5		342.6		466.1		613.3		442.5		342.6		466.1									
159	Copper		ug/dscm		31403.8		28137.1		25301.9		28280.9		31403.8		28137.1		25301.9		28280.9									
160	Lead		ug/dscm		48327.8		42181.6		36339.7		42283.0		48327.8		42181.6		36339.7		42283.0									
161	Manganese		ug/dscm		189345.2		184358.0		163825.8		179176.4		189345.2		184358.0		163825.8		179176.4									
162	Mercury		ug/dscm	100	29.5	100	33.1	100	29.3	100	30.6	100	14.7	100	16.6	100	14.7	100	15.3									
163	Nickel		ug/dscm		14853.4		12106.2		9972.2		12310.6		14853.4		12106.2		9972.2		12310.6									
164	Silver		ug/dscm		25639.5		25347.4		22118.0		24368.3		25639.5		25347.4		22118.0		24368.3									
165	Thallium		ug/dscm	100	381.4	100	400.7	100	345.1	100	375.7	100	190.7	100	200.3	100	172.6	100	187.9									
166	Vanadium		ug/dscm		1017.3		827.8		689.4		844.8		1017.3		827.8		689.4		844.8									
167	Zinc		ug/dscm		348670.0		311047.1		269066.6		309594.6		348670.0		311047.1		269066.6		309594.6									
168	SVM		ug/dscm		49832.0		43537.5		37506.3		43625.3		49832.0		43537.5		37506.3		43625.3									
169	LVM		ug/dscm		17605.7		15521.3		13318.5		15481.9		17605.7		15521.3		13318.5		15481.9									
170																												
171	**3016C5**		**Trial burn**		Cond Avg		Cond Avg																					
172																												
173	Feedstream Number				F1		F2																					
174	Feed Class				Liq non-HW		Total																					
175	Feed Class 2						Total																					
176	Feedstream Description				Waste Feed		Total																					
177	Feed Rate		lb/hr																									
178	Heating Value		Btu/lb																									
179	Antimony		lb/hr		0.62997543																							
180	Arsenic		lb/hr		0.02799829																							

	B	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR
121	Heating Value															
122	Moisture															
123	Thermal Feedrate															
124	Ash															
125	Chlorine															
126	Antimony															
127	Arsenic															
128	Barium															
129	Beryllium															
130	Cadmium															
131	Chromium															
132	Cobalt															
133	Copper															
134	Lead															
135	Manganese															
136	Mercury															
137	Nickel															
138	Silver															
139	Thallium															
140	Vanadium															
141	Zinc															
142																
143	Stack Gas Flowrate															
144	Oxygen															
145																
146	Thermal Feedrate															
147	Estimated Firing Rate															
148																
149	*Feedrate MTEC Calculat*															
150	Ash															
151	Chlorine															
152	Antimony															
153	Arsenic															
154	Barium															
155	Beryllium															
156	Cadmium															
157	Chromium															
158	Cobalt															
159	Copper															
160	Lead															
161	Manganese															
162	Mercury															
163	Nickel															
164	Silver															
165	Thallium															
166	Vanadium															
167	Zinc															
168	SVM															
169	LVM															
170																
171	**3016C5**															
172																
173	Feedstream Number															
174	Feed Class															
175	Feed Class 2															
176	Feedstream Description															
177	Feed Rate															
178	Heating Value															
179	Antimony															
180	Arsenic															

	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	AC
181	Barium		lb/hr		0.15999856																							
182	Cadmium		lb/hr		0.13997564																							
183	Chromium		lb/hr		0.01699993																							
184	Copper		lb/hr		0.2199945																							
185	Lead		lb/hr		1.799838																							
186	Manganese		lb/hr		0.014																							
187	Nickel		lb/hr		0.01499936																							
188	Selenium		lb/hr		0.00919962																							
189	Silver		lb/hr		0.63992512																							
190	Vanadium		lb/hr		0.00013																							
191	Zinc		lb/hr		1.2999727																							
192																												
193	Stack Gas Flowrate		dscfm		16732																							
194	Oxygen		%																									
195																												
196	Thermal Feedrate		MMBtu/hr																									
197	Estimated Firing Rate		MMBtu/hr																									
198																												
199	*Feedrate MTEC Calculations*																											
200	Antimony		ug/dscm		10066.6		10066.6																					
201	Arsenic		ug/dscm		447.4		447.4																					
202	Barium		ug/dscm		2556.7		2556.7																					
203	Cadmium		ug/dscm		2236.7		2236.7																					
204	Chromium		ug/dscm		271.6		271.6																					
205	Copper		ug/dscm		3515.4		3515.4																					
206	Lead		ug/dscm		28760.3		28760.3																					
207	Manganese		ug/dscm		223.7		223.7																					
208	Nickel		ug/dscm		239.7		239.7																					
209	Selenium		ug/dscm		147.0		147.0																					
210	Silver		ug/dscm		10225.6		10225.6																					
211	Vanadium		ug/dscm		2.1		2.1																					
212	Zinc		ug/dscm		20772.8		20772.8																					
213	SVM		ug/dscm		30997.0		30997.0																					
214	LVM		ug/dscm		719.0		719.0																					
215																												
216	**3016C6**		**Trial burn**		Cond Avg		Cond Avg																					
217																												
218	Feedstream Number				F1		F2																					
219	Feed Class				Liq non-HW		Total																					
220	Feed Class 2				Non-HW		Total																					
221	Feedstream Description				Waste Feed		Total																					
222	Feed Rate		lb/hr																									
223	Antimony		lb/hr		0.1499985																							
224	Arsenic		lb/hr		0.00679989																							
225	Barium		lb/hr		0.14999805																							
226	Cadmium		lb/hr		0.04899662																							
227	Chromium		lb/hr		0.00989997																							
228	Copper		lb/hr		0.10999868																							
229	Lead		lb/hr		0.70996379																							
230	Manganese		lb/hr		0.0061																							
231	Nickel		lb/hr		0.01499946																							
232	Selenium		lb/hr		0.00599974																							
233	Silver		lb/hr		0.35999532																							
234	Vanadium		lb/hr		0.0007																							
235	Zinc		lb/hr		0.55999496																							
236																												
237	Stack Gas Flowrate		dscfm		14142																							
238	Oxygen		%																									
239																												
240	Thermal Feedrate		MMBtu/hr																									

	B	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR
181	Barium															
182	Cadmium															
183	Chromium															
184	Copper															
185	Lead															
186	Manganese															
187	Nickel															
188	Selenium															
189	Silver															
190	Vanadium															
191	Zinc															
192																
193	Stack Gas Flowrate															
194	Oxygen															
195																
196	Thermal Feedrate															
197	Estimated Firing Rate															
198																
199	*Feedrate MTEC Calculat*															
200	Antimony															
201	Arsenic															
202	Barium															
203	Cadmium															
204	Chromium															
205	Copper															
206	Lead															
207	Manganese															
208	Nickel															
209	Selenium															
210	Silver															
211	Vanadium															
212	Zinc															
213	SVM															
214	LVM															
215																
216	**3016C6**															
217																
218	Feedstream Number															
219	Feed Class															
220	Feed Class 2															
221	Feedstream Description															
222	Feed Rate															
223	Antimony															
224	Arsenic															
225	Barium															
226	Cadmium															
227	Chromium															
228	Copper															
229	Lead															
230	Manganese															
231	Nickel															
232	Selenium															
233	Silver															
234	Vanadium															
235	Zinc															
236																
237	Stack Gas Flowrate															
238	Oxygen															
239																
240	Thermal Feedrate															

	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	AC
241	Estimated Firing Rate		MMBtu/hr																									
242																												
243	*Feedrate MTEC Calculations*																											
244	Antimony		ug/dscm		2835.9		2835.9																					
245	Arsenic		ug/dscm		128.6		128.6																					
246	Barium		ug/dscm		2835.9		2835.9																					
247	Cadmium		ug/dscm		926.4		926.4																					
248	Chromium		ug/dscm		187.2		187.2																					
249	Copper		ug/dscm		2079.7		2079.7																					
250	Lead		ug/dscm		13422.9		13422.9																					
251	Manganese		ug/dscm		115.3		115.3																					
252	Nickel		ug/dscm		283.6		283.6																					
253	Selenium		ug/dscm		113.4		113.4																					
254	Silver		ug/dscm		6806.2		6806.2																					
255	Vanadium		ug/dscm		13.2		13.2																					
256	Zinc		ug/dscm		10587.5		10587.5																					
257	SVM		ug/dscm		14349.3		14349.3																					
258	LVM		ug/dscm		315.7		315.7																					
259																												
260	**3016C7**		**Trial burn**		Cond Avg		Cond Avg																					
261																												
262	Feedstream Number				F1		F2																					
263	Feed Class				Liq non-HW		Total																					
264	Feed Class 2				Non-HW		Total																					
265	Feedstream Description				Waste Feed		Total																					
266	Feed Rate		lb/hr																									
267	Antimony		lb/hr		0.0999996																							
268	Arsenic		lb/hr		0.00629994																							
269	Barium		lb/hr		2.3998344																							
270	Beryllium		lb/hr		0.000117																							
271	Cadmium		lb/hr		0.05999526																							
272	Chromium		lb/hr		0.00999997																							
273	Cobalt		lb/hr		0.00086999																							
274	Copper		lb/hr		0.03899981																							
275	Lead		lb/hr		0.13999524																							
276	Manganese		lb/hr		0.01399999																							
277	Mercury		lb/hr		0.01793588																							
278	Nickel		lb/hr		0.01399992																							
279	Selenium		lb/hr		0.08594453																							
280	Silver		lb/hr		0.20999643																							
281	Thallium		lb/hr		0.10849999																							
282	Vanadium		lb/hr		0.00024																							
283	Zinc		lb/hr		0.65997888																							
284																												
285	Stack Gas Flowrate		dscfm		13751																							
286	Oxygen		%																									
287																												
288	Thermal Feedrate		MMBtu/hr																									
289	Estimated Firing Rate		MMBtu/hr																									
290																												
291	*Feedrate MTEC Calculations*																											
292	Antimony		ug/dscm		1944.4		1944.4																					
293	Arsenic		ug/dscm		122.5		122.5																					
294	Barium		ug/dscm		46663.4		46663.4																					
295	Beryllium		ug/dscm		2.3		2.3																					
296	Cadmium		ug/dscm		1166.6		1166.6																					
297	Chromium		ug/dscm		194.4		194.4																					
298	Cobalt		ug/dscm		16.9		16.9																					
299	Copper		ug/dscm		758.3		758.3																					
300	Lead		ug/dscm		2722.1		2722.1																					

	B	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR
241	Estimated Firing Rate															
242																
243	*Feedrate MTEC Calculat*															
244	Antimony															
245	Arsenic															
246	Barium															
247	Cadmium															
248	Chromium															
249	Copper															
250	Lead															
251	Manganese															
252	Nickel															
253	Selenium															
254	Silver															
255	Vanadium															
256	Zinc															
257	SVM															
258	LVM															
259																
260	**3016C7**															
261																
262	Feedstream Number															
263	Feed Class															
264	Feed Class 2															
265	Feedstream Description															
266	Feed Rate															
267	Antimony															
268	Arsenic															
269	Barium															
270	Beryllium															
271	Cadmium															
272	Chromium															
273	Cobalt															
274	Copper															
275	Lead															
276	Manganese															
277	Mercury															
278	Nickel															
279	Selenium															
280	Silver															
281	Thallium															
282	Vanadium															
283	Zinc															
284																
285	Stack Gas Flowrate															
286	Oxygen															
287																
288	Thermal Feedrate															
289	Estimated Firing Rate															
290																
291	*Feedrate MTEC Calculat*															
292	Antimony															
293	Arsenic															
294	Barium															
295	Beryllium															
296	Cadmium															
297	Chromium															
298	Cobalt															
299	Copper															
300	Lead															

	B	C	D	E	F	G	H
301	Manganese		ug/dscm		272.2		272.2
302	Mercury		ug/dscm		348.8		348.8
303	Nickel		ug/dscm		272.2		272.2
304	Selenium		ug/dscm		1671.1		1671.1
305	Silver		ug/dscm		4083.3		4083.3
306	Thallium		ug/dscm		2109.7		2109.7
307	Vanadium		ug/dscm		4.7		4.7
308	Zinc		ug/dscm		12832.9		12832.9
309	SVM		ug/dscm		3888.7		3888.7
310	LVM		ug/dscm		319.2		319.2
311							
312	**3016C8**	**Trial burn**			Cond Avg		Cond Avg
313							
314	Feedstream Number				F1		F2
315	Feed Class				Liq non-HW		Total
316	Feed Class 2				Non-HW		Total
317	Feedstream Description				Waste Feed		Total
318	Feed Rate		lb/hr				
319	Antimony		lb/hr		0.072		
320	Arsenic		lb/hr		0.003		
321	Barium		lb/hr		1.000		
322	Beryllium		lb/hr		0.000		
323	Cadmium		lb/hr		0.028		
324	Chromium		lb/hr		0.011		
325	Cobalt		lb/hr		0.000		
326	Copper		lb/hr		0.015		
327	Lead		lb/hr		0.038		
328	Manganese		lb/hr		0.015		
329	Mercury		lb/hr		0.066		
330	Nickel		lb/hr		0.012		
331	Selenium		lb/hr		0.070		
332	Silver		lb/hr		0.120		
333	Thallium		lb/hr		0.000		
334	Vanadium		lb/hr		0.000		
335	Zinc		lb/hr		0.670		
336							
337	Stack Gas Flowrate		dscfm		10181		
338	Oxygen		%				
339							
340	Thermal Feedrate		MMBtu/hr				
341	Estimated Firing Rate		MMBtu/hr				
342							
343	*Feedrate MTEC Calculations*						
344	Antimony		ug/dscm		1890.9		1890.9
345	Arsenic		ug/dscm		76.2		76.2
346	Barium		ug/dscm		26262.1		26262.1
347	Beryllium		ug/dscm		1.5		1.5
348	Cadmium		ug/dscm		735.3		735.3
349	Chromium		ug/dscm		288.9		288.9
350	Cobalt		ug/dscm		3.2		3.2
351	Copper		ug/dscm		393.9		393.9
352	Lead		ug/dscm		998.0		998.0
353	Manganese		ug/dscm		393.9		393.9
354	Mercury		ug/dscm		1726.6		1726.6
355	Nickel		ug/dscm		315.1		315.1
356	Selenium		ug/dscm		1837.2		1837.2
357	Silver		ug/dscm		3151.5		3151.5
358	Thallium		ug/dscm		0.0		0.0
359	Vanadium		ug/dscm		7.6		7.6
360	Zinc		ug/dscm		17595.8		17595.8

	B	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR
301	Manganese															
302	Mercury															
303	Nickel															
304	Selenium															
305	Silver															
306	Thallium															
307	Vanadium															
308	Zinc															
309	SVM															
310	LVM															
311																
312	**3016C8**															
313																
314	Feedstream Number															
315	Feed Class															
316	Feed Class 2															
317	Feedstream Description															
318	Feed Rate															
319	Antimony															
320	Arsenic															
321	Barium															
322	Beryllium															
323	Cadmium															
324	Chromium															
325	Cobalt															
326	Copper															
327	Lead															
328	Manganese															
329	Mercury															
330	Nickel															
331	Selenium															
332	Silver															
333	Thallium															
334	Vanadium															
335	Zinc															
336																
337	Stack Gas Flowrate															
338	Oxygen															
339																
340	Thermal Feedrate															
341	Estimated Firing Rate															
342																
343	*Feedrate MTEC Calculat*															
344	Antimony															
345	Arsenic															
346	Barium															
347	Beryllium															
348	Cadmium															
349	Chromium															
350	Cobalt															
351	Copper															
352	Lead															
353	Manganese															
354	Mercury															
355	Nickel															
356	Selenium															
357	Silver															
358	Thallium															
359	Vanadium															
360	Zinc															

	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	AC
361	SVM		ug/dscm		1733.3		1733.3																					
362	LVM		ug/dscm		366.5		366.5																					
363																												
364	**3016C9**	**Trial burn**			R1		R2		R3		Cond Avg.		R1		R2		R3		Cond Avg.									
365																												
366	Feedstream Number				F1		F1		F1		F1		F2		F2		F2		F2									
367	Feed Class				Sludge HW		Sludge HW		Sludge HW		Sludge HW		Total		Total		Total		Total									
368	Feedstream Description				Dry Sludge		Dry Sludge		Dry Sludge		Dry Sludge		Total		Total		Total		Total									
369	Feed Rate		lb/hr		3,900.0		3899		3869																			
370	Heating Value		Btu/lb																									
371																												
372	**3016C10**	**Trial burn**			R1		R2		R3		Cond Avg.		R1		R2		R3		Cond Avg.									
373																												
374	Feedstream Number				F1		F1		F1		F1		F2		F2		F2		F2									
375	Feed Class				Sludge HW		Sludge HW		Sludge HW		Sludge HW		Total		Total		Total		Total									
376	Feedstream Description				Dry Sludge		Dry Sludge		Dry Sludge		Dry Sludge		Total		Total		Total		Total									
377	Feed Rate		lb/hr		4,133.0		3905		3894																			
378	Heating Value		Btu/lb																									
379																												
380	**3016C11**	**Trial burn**			R1		R2		R3		Cond Avg.		R1		R2		R3		Cond Avg.									
381																												
382	Feedstream Number				F1		F1		F1		F1		F2		F2		F2		F2									
383	Feed Class				Sludge HW		Sludge HW		Sludge HW		Sludge HW		Total		Total		Total		Total									
384	Feedstream Description				Wet Sludge		Wet Sludge		Wet Sludge		Wet Sludge		Total		Total		Total		Total									
385	Feed Rate		lb/hr		16,924.0		16846																					
386	Heating Value		Btu/lb																									
387																												
388	**3016C12**	**Trial burn**			R3		R4		R5		R6		R7		R8		R9		R10		R11		Cond Avg		R3		R4	
389																												
390	Feedstream Number				F1		F1		F1		F1		F1		F1		F1		F1		F1		F1		F2		F2	
391	Feed Class				Sludge HW		Sludge HW		Sludge HW		Sludge HW		Sludge HW		Sludge HW		Sludge HW		Sludge HW		Sludge HW		Sludge HW		Total		Total	
392	Feed Class 2																								Total		Total	
393	Feedstream Description				Wet Sludge		Wet Sludge		Wet Sludge		Wet Sludge		Wet Sludge		Wet Sludge		Wet Sludge		Wet Sludge		Wet Sludge		Wet Sludge		Total		Total	
394	Feed Rate		lb/hr		16,071.0		16846		16355		15535.0		15688		16812		16302		15564		16364							
395	Heating Value		Btu/lb																									
396	Antimony		lb/hr		0.240		0.098		0.160		0.019		0.150		0.460		0.290		0.087		0.082							
397	Arsenic		lb/hr		0.008		0.010		0.005		0.006		0.006		0.020		0.015		0.005		0.003							
398	Beryllium		lb/hr		0.000		0.000		0.000		0.000		0.000		0.000		0.000		0.000		0.000							
399	Cadmium		lb/hr		0.190		0.340		0.120		0.110		0.086		0.280		0.190		0.170		0.093							
400	Chromium		lb/hr		0.050		0.096		0.033		0.020		0.044		0.056		0.031		0.025		0.026							
401	Cobalt		lb/hr		0.058		0.000		0.040		0.033		0.000		0.004		0.013		0.001		0.000							
402	Copper		lb/hr		0.100		0.140		0.038		0.039		0.042		0.120		0.093		0.047		0.032							
403	Lead		lb/hr		0.490		0.740		0.260		0.250		0.320		0.950		0.001		0.370		0.230							
404	Manganese		lb/hr		0.013		0.005		0.004		0.016		0.004		0.039		0.016		0.025		0.036							
405	Mercury		lb/hr		0.061		0.049		0.209		0.096		0.063		0.028		0.094		0.029		0.140							
406	Nickel		lb/hr		0.150		0.049		0.093		0.010		0.092		0.150		0.007		0.013		0.006							
407	Silver		lb/hr		0.330		0.100		0.400		0.120		0.320		0.270		0.210		0.059		0.110							
408	Thallium		lb/hr		0.032		0.048		0.018		0.017		0.016		0.049		0.035		0.024		0.011							
409	Vanadium		lb/hr		0.001		0.001		0.000		0.000		0.000		0.074		0.001		0.001		0.000							
410	Zinc		lb/hr		0.350		0.460		0.130		0.140		0.180		0.450		0.270		0.170		0.130							
411																												
412	Stack Gas Flowrate		dscfm		12340		13101.3		11883.26		12390.47		12153.34		12946.5		12307.66		12923.05		12896.83		12549.19					
413	Oxygen		%																									
414																												
415	Thermal Feedrate		MMBtu/hr																									
416	Estimated Firing Rate		MMBtu/hr																									
417																												
418	*Feedrate MTEC Calculations*																											
419	Antimony		ug/dscm		5200.0		2000.0		3600.0		410.0		3299.9		9499.5		6299.8		1800.0		1700.0		3756.6		5200.0		2000.0	
420	Arsenic		ug/dscm		167.3		198.0		104.7		121.8		122.0		408.9		322.6		110.6		69.8		180.6		167.3		198.0	

	B	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR
361	SVM															
362	LVM															
363																
364	**3016C9**															
365																
366	Feedstream Number															
367	Feed Class															
368	Feedstream Description															
369	Feed Rate															
370	Heating Value															
371																
372	**3016C10**															
373																
374	Feedstream Number															
375	Feed Class															
376	Feedstream Description															
377	Feed Rate															
378	Heating Value															
379																
380	**3016C11**															
381																
382	Feedstream Number															
383	Feed Class															
384	Feedstream Description															
385	Feed Rate															
386	Heating Value															
387																
388	**3016C12**	R5		R6		R7		R8		R9		R10		R11		Cond Avg
389																
390	Feedstream Number	F2		F2		F2		F2		F2		F2		F2		F2
391	Feed Class	Total		Total		Total		Total		Total		Total		Total		Total
392	Feed Class 2	Total		Total		Total		Total		Total		Total		Total		Total
393	Feedstream Description	Total		Total		Total		Total		Total		Total		Total		Total
394	Feed Rate															
395	Heating Value															
396	Antimony															
397	Arsenic															
398	Beryllium															
399	Cadmium															
400	Chromium															
401	Cobalt															
402	Copper															
403	Lead															
404	Manganese															
405	Mercury															
406	Nickel															
407	Silver															
408	Thallium															
409	Vanadium															
410	Zinc															
411																
412	Stack Gas Flowrate															
413	Oxygen															
414																
415	Thermal Feedrate															
416	Estimated Firing Rate															
417																
418	*Feedrate MTEC Calculat*															
419	Antimony	3600.0		410.0		3299.9		9499.5		6299.8		1800.0		1700.0		3756.6
420	Arsenic	104.7		121.8		122.0		408.9		322.6		110.6		69.8		180.6

	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	AC
421	Beryllium		ug/dscm		2.1		4.5		1.7		1.1		1.1		4.5		2.6		3.5		2.1		2.6		2.1		4.5	
422	Cadmium		ug/dscm		4116.3		6937.6		2699.8		2373.6		1891.9		5781.8		4127.2		3517.0		1928.0		3708.1		4116.3		6937.6	
423	Chromium		ug/dscm		1083.3		1959.2		742.5		431.6		968.0		1156.5		673.4		517.2		539.0		896.8		1083.3		1959.2	
424	Cobalt		ug/dscm		1256.6		3.1		900.0		712.1		1.7		88.8		282.4		19.4		7.9		363.5		1256.6		3.1	
425	Copper		ug/dscm		2166.6		2857.1		855.0		841.6		924.0		2478.2		2020.3		972.4		663.4		1531.0		2166.6		2857.1	
426	Lead		ug/dscm		10616.2		15101.1		5849.9		5394.6		7039.8		19618.0		13.7		7655.0		4768.2		8450.7		10616.2		15101.1	
427	Manganese		ug/dscm		281.7		106.1		92.2		345.3		90.2		805.4		347.6		517.2		746.3		370.2		281.7		106.1	
428	Mercury		ug/dscm		1319.9		998.9		4702.8		2065.6		1383.4		577.8		2037.1		599.5		2893.9		1842.1		1319.9		998.9	
429	Nickel		ug/dscm		3249.2		999.9		2092.2		209.3		2023.7		3097.1		154.2		269.0		118.2		1357.0		3249.2		999.9	
430	Silver		ug/dscm		7149.8		2040.8		8999.7		2589.4		7039.8		5576.0		4562.0		1220.7		2280.5		4606.5		7149.8		2040.8	
431	Thallium		ug/dscm		693.2		979.4		405.0		366.8		352.0		1011.7		760.2		496.5		228.0		588.1		693.2		979.4	
432	Vanadium		ug/dscm		13.4		18.2		7.9		10.1		7.7		1528.3		16.1		12.8		6.2		180.1		13.4		18.2	
433	Zinc		ug/dscm		7583.2		9387.5		2925.0		3021.0		3959.9		9293.2		5865.4		3517.2		2695.1		5360.8		7583.2		9387.5	
434	SVM		ug/dscm		14732.5		22038.7		8549.7		7768.2		8931.7		25399.8		4140.9		11172.0		6696.2		12158.9		14732.5		22038.7	
435	LVM		ug/dscm		1252.8		2161.7		848.9		554.4		1091.1		1570.0		998.7		631.4		610.9		1080.0		1252.8		2161.7	
436																												
437																												
438																												
439																												
440	**3016C13**		Trial burn		R1		R2		R3		R1		R2		R3		R1		R2		R3		Cond Avg					
441																												
442	Feedstream Number				F1		F1		F1		F2		F2		F2		F3		F3		F3		F3					
443	Feed Class				Sludge		Sludge		Sludge		Spike		Spike		Spike		Total		Total		Total		Total					
444	Feed Class 2				HW		HW		HW		Spike		Spike		Spike		Total		Total		Total		Total					
445	Feedstream Description				Sludge		Sludge		Sludge		Spike		Spike		Spike		Total		Total		Total		Total					
446																												
447	Feed Rate		lb/hr		15727		15989		16545																			
448	Heating Value		Btu/lb		6600		6600		6500																			
449																												
450	Moisture		%		78		77		75																			
451	Ash		%		23		24		26																			
452																												
453	Chlorine		lb/hr		5.2		4.0		5.4		23		23.0		23		28.2		27		28.4							
454	Bromine		lb/hr		0.0175		0.0185		0.0205																			
455	Flourine		lb/hr		0.0345		0.0375		0.0415																			
456	Iodine		lb/hr		0.0345		0.0375		0.0415																			
457																												
458	Stack Gas Flowrate		dscfm		14350		14927		13812		14350		14927		13812		14350		14927		13812		14363					
459	Oxygen		%		7.86		8.2		7.61		7.86		8.2		7.61		7.86		8.2		7.61		7.89					
460																												
461	Thermal Feedrate		MMBtu/hr		22.84		24.27		26.89																			
462	Estimated Firing Rate		MMBtu/hr														59.9		60.7		58.7		59.74257					
463																												
464	*Feedrate MTEC Calculations*																											
465	Chlorine		ug/dscm		1.03E+05		7.84E+04		1.09E+05		4.57E+05		4.51E+05		4.66E+05		5.60E+05		5.29E+05		5.75E+05		554533.1					
466	Ash		mg/dscm		15798		17291		21767								1.58E+04		1.73E+04		2.18E+04		18285.15					
467																												
468																												
469	**3016C14**		Trial burn		R1		R2		R3		R1		R2		R3		R1		R2		R3		Cond Avg					
470																												
471	Feedstream Number				F1		F1		F1		F2		F2		F2		F3		F3		F3		F3					
472	Feed Class				Sludge		Sludge		Sludge		Spike		Spike		Spike		Total		Total		Total		Total					
473	Feed Class 2				HW		HW		HW		Spike		Spike		Spike		Total		Total		Total		Total					
474	Feedstream Description				Sludge		Sludge		Sludge		Spike		Spike		Spike		Total		Total		Total		Total					
475																												
476	Feed Rate		lb/hr		16139		16185		16345																			
477	Heating Value		Btu/lb		6300		6300		5900																			
478																												
479	Moisture		%		73		73		73																			
480	Ash		%		34		35		37																			

	B	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR
421	Beryllium	1.7		1.1		1.1		4.5		2.6		3.5		2.1		2.6
422	Cadmium	2699.8		2373.6		1891.9		5781.8		4127.2		3517.0		1928.0		3708.1
423	Chromium	742.5		431.6		968.0		1156.5		673.4		517.2		539.0		896.8
424	Cobalt	900.0		712.1		1.7		88.8		282.4		19.4		7.9		363.5
425	Copper	855.0		841.6		924.0		2478.2		2020.3		972.4		663.4		1531.0
426	Lead	5849.9		5394.6		7039.8		19618.0		13.7		7655.0		4768.2		8450.7
427	Manganese	92.2		345.3		90.2		805.4		347.6		517.2		746.3		370.2
428	Mercury	4702.8		2065.6		1383.4		577.8		2037.1		599.5		2893.9		1842.1
429	Nickel	2092.2		209.3		2023.7		3097.1		154.2		269.0		118.2		1357.0
430	Silver	8999.7		2589.4		7039.8		5576.0		4562.0		1220.7		2280.5		4606.5
431	Thallium	405.0		366.8		352.0		1011.7		760.2		496.5		228.0		588.1
432	Vanadium	7.9		10.1		7.7		1528.3		16.1		12.8		6.2		180.1
433	Zinc	2925.0		3021.0		3959.9		9293.2		5865.4		3517.2		2695.1		5360.8
434	SVM	8549.7		7768.2		8931.7		25399.8		4140.9		11172.0		6696.2		12158.9
435	LVM	848.9		554.4		1091.1		1570.0		998.7		631.4		610.9		1080.0
436																
437																
438																
439																
440	**3016C13**															
441																
442	Feedstream Number															
443	Feed Class															
444	Feed Class 2															
445	Feedstream Description															
446																
447	Feed Rate															
448	Heating Value															
449																
450	Moisture															
451	Ash															
452																
453	Chlorine															
454	Bromine															
455	Flourine															
456	Iodine															
457																
458	Stack Gas Flowrate															
459	Oxygen															
460																
461	Thermal Feedrate															
462	Estimated Firing Rate															
463																
464	*Feedrate MTEC Calculat*															
465	Chlorine															
466	Ash															
467																
468																
469	**3016C14**															
470																
471	Feedstream Number															
472	Feed Class															
473	Feed Class 2															
474	Feedstream Description															
475																
476	Feed Rate															
477	Heating Value															
478																
479	Moisture															
480	Ash															

	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	AC
481																												
482	Chlorine		lb/hr		3.3		3.9		3.8		23		23		23		26.3		26.9		26.8							
483	Bromine		lb/hr		0.022		0.022		0.022																			
484	Flourine		lb/hr		0.0435		0.0435		0.044																			
485	Iodine		lb/hr		0.0435		0.0435		0.044																			
486																												
487	Aluminum		g/hr		14429		13677		15214								14429		13677		15214							
488	Antimony		g/hr		2273		1982		1742								2273		1982		1742							
489	Arsenic		g/hr		18		19		26		72		73		69		90		92		95							
490	Barium		g/hr		415		297		420								415		297		420							
491	Beryllium		g/hr		1.2		1.2		1.4		2		2		1.8		3.2		3.2		3.2							
492	Cadmium		g/hr		13		12		56		76		76		82		89		88		138							
493	Chromium		g/hr		287		218		240		340		332		294		627		550		534							
494	Cobalt		g/hr		14		5.9		16		20		19		12		34		25		28							
495	Copper		g/hr		1281		1101		1409		833		831		730		2114		1932		2139							
496	Lead		g/hr		830		186		280		595		595		595		1425		781		875							
497	Manganese		g/hr		128		93		154		2688		2904		2456		2816		2997		2610							
498	Mercury		g/hr		0.55		0.5		0.34								0.55		0.5		0.34							
499	Nickel		g/hr		78		44		54		204		212		187		282		256		241							
500	Selenium		g/hr		10		10		10								10		10		10							
501	Silver		g/hr		978		991		881								978		991		881							
502	Thallium		g/hr								29		32		29		29		32		29							
503	Vanadium		g/hr		30		30		36								30		30		36							
504	Zinc		g/hr		1809		1407		1441								1809		1407		1441							
505																												
506	Stack Gas Flowrate		dscfm		12395		12696		12745		12395		12696		12745		12395		12696		12745							
507	Oxygen		%		6.15		6.38		6.64		6.15		6.38		6.64		6.15		6.38		6.64							
508																												
509	Thermal Feedrate		MMBtu/hr		27.45		27.53		26.04																			
510	Estimated Firing Rate		MMBtu/hr														58.4		58.9		58.1		58.48672					
511																												
512	*Feedrate MTEC Calculations*																											
513	Chlorine		ug/dscm		6.71E+04		7.86E+04		7.77E+04		4.68E+05		4.64E+05		4.70E+05		5.35E+05		5.42E+05		5.48E+05		541820.3					
514	Ash		mg/dscm		30130		30844		33397								3.01E+04		3.08E+04		3.34E+04		31456.85					
515																												
516	Aluminum		ug/dscm		646,329		607,529		685,393		0		0		0		646329		607529		685393		646417					
517	Antimony		ug/dscm		101,816		88,040		78,477		0		0		0		101816		88040		78477		89444					
518	Arsenic		ug/dscm		806		844		1,171		3,225		3,243		3,108		4031		4087		4280		4133					
519	Barium		ug/dscm		18,589		13,193		18,921		0		0		0		18589		13193		18921		16901					
520	Beryllium		ug/dscm		54		53		63		90		89		81		143		142		144		143					
521	Cadmium		ug/dscm		582		533		2,523		3,404		3,376		3,694		3987		3909		6217		4704					
522	Chromium		ug/dscm		12,856		9,684		10,812		15,230		14,747		13,245		28086		24431		24057		25524					
523	Cobalt		ug/dscm		627		262		721		896		844		541		1523		1106		1261		1297					
524	Copper		ug/dscm		57,381		48,906		63,476		37,313		36,913		32,887		94694		85819		96362		92292					
525	Lead		ug/dscm		37,179		8,262		12,614		26,652		26,430		26,805		63831		34692		39419		45981					
526	Manganese		ug/dscm		5,734		4,131		6,938		120,406		128,995		110,643		126139		133126		117581		125615					
527	Mercury		ug/dscm		25		22		15		0		0		0		25		22		15		21					
528	Nickel		ug/dscm		3,494		1,954		2,433		9,138		9,417		8,424		12632		11371		10857		11620					
529	Selenium		ug/dscm		448		444		451		0		0		0		448		444		451		448					
530	Silver		ug/dscm		43,808		44,020		39,689		0		0		0		43808		44020		39689		42506					
531	Thallium		ug/dscm		0		0		0		1,299		1,421		1,306		1299		1421		1306		1342					
532	Vanadium		ug/dscm		1,344		1,333		1,622		0		0		0		1344		1333		1622		1433					
533	Zinc		ug/dscm		81,032		62,499		64,917		0		0		0		81032		62499		64917		69483					
534																												
535	SVM		ug/dscm		37,761		8,795		15,137		30,057		29,806		30,499		67,818		38,601		45,636		50685					
536	LVM		ug/dscm		13,716		10,581		12,046		18,545		18,079		16,434		32,260		28,660		28,481		29800					
537																												
538																												
539																												
540	**3016C15**		Trial burn		R1		R2		R3		R1		R2		R3		R1		R2		R3		Cond Avg					

	B	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR
481																
482	Chlorine															
483	Bromine															
484	Flourine															
485	Iodine															
486																
487	Aluminum															
488	Antimony															
489	Arsenic															
490	Barium															
491	Beryllium															
492	Cadmium															
493	Chromium															
494	Cobalt															
495	Copper															
496	Lead															
497	Manganese															
498	Mercury															
499	Nickel															
500	Selenium															
501	Silver															
502	Thallium															
503	Vanadium															
504	Zinc															
505																
506	Stack Gas Flowrate															
507	Oxygen															
508																
509	Thermal Feedrate															
510	Estimated Firing Rate															
511																
512	*Feedrate MTEC Calculat*															
513	Chlorine															
514	Ash															
515																
516	Aluminum															
517	Antimony															
518	Arsenic															
519	Barium															
520	Beryllium															
521	Cadmium															
522	Chromium															
523	Cobalt															
524	Copper															
525	Lead															
526	Manganese															
527	Mercury															
528	Nickel															
529	Selenium															
530	Silver															
531	Thallium															
532	Vanadium															
533	Zinc															
534																
535	SVM															
536	LVM															
537																
538																
539																
540	**3016C15**															

	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	AC
541																												
542	Feedstream Number				F1		F1		F1		F2		F2		F2		F3		F3		F3		F3					
543	Feed Class				Sludge		Sludge		Sludge		Spike		Spike		Spike		Total		Total		Total		Total					
544	Feed Class 2				HW		HW		HW		Spike		Spike		Spike		Total		Total		Total		Total					
545	Feedstream Description				Sludge		Sludge		Sludge		Spike		Spike		Spike		Total		Total		Total		Total					
546																												
547	Feed Rate		lb/hr		8063		8210		7954																			
548	Heating Value(dry)		Btu/lb																									
549																												
550	Moisture		%																									
551	Ash		%		20		20		21																			
552																												
553	Chlorine		lb/hr		0.048		0.048		0.048		23		23		23		23.0		23.0		23.0		23.0475					
554	Bromine		lb/hr		0.010		0.010		0.010																			
555	Flourine		lb/hr		0.019		0.018		0.017																			
556	Iodine		lb/hr		0.019		0.018		0.017																			
557																												
558	Stack Gas Flowrate		dscfm		9978		10385		10462		9978		10385		10462		9978		10385		10462		10275					
559	Oxygen		%		9.87		10.4		10.6		9.87		10.4		10.6		9.87		10.4		10.6		10.29					
560																												
561	Thermal Feedrate		MMBtu/hr																									
562	Estimated Firing Rate		MMBtu/hr														35.3		34.9		34.5		34.91439					
563																												
564	*Feedrate MTEC Calculations*																											
565	Ash		mg/dscm		5.44E+04		5.58E+04		5.75E+04								5.44E+04		5.58E+04		5.75E+04		55884.78					
566	Chlorine		ug/dscm		1601.0		1615.2		1634.1		775238.6		782098.9		791272.3		776839.6		783714.1		792906.5		784486.7					

	B	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR
541																
542	Feedstream Number															
543	Feed Class															
544	Feed Class 2															
545	Feedstream Description															
546																
547	Feed Rate															
548	Heating Value(dry)															
549																
550	Moisture															
551	Ash															
552																
553	Chlorine															
554	Bromine															
555	Flourine															
556	Iodine															
557																
558	Stack Gas Flowrate															
559	Oxygen															
560																
561	Thermal Feedrate															
562	Estimated Firing Rate															
563																
564	*Feedrate MTEC Calculat*															
565	Ash															
566	Chlorine															

	B	C	D	E	F	G	H	I	J	K	L
1	**Process Information**										
2											
3	**3016C1**	Trial burn									
4											
5	Stack Velocity	ft/sec	28.4	29.13333333	29.56667						
6	Nozzle Diameter	in.	0.302	0.311	0.302						
7	Static Press	in W.C	-0.16	-0.13	-0.14						
8											
9	**3016C2**	Trial burn									
10											
11	MHI Draft	in H2O	0.254	0.253	0.252						
12	Hearth #3 Temp	^{o}F	1772	1771	1779						
13	Hearth #6 Temp	^{o}F	526	508	546						
14	SCC Exit Temp	^{o}F	1623	1625	1625						
15	Venturi Diff. Press	in. W.C	33	35	34						
16	Condenser Water Flow	gpm	1076	1073	1069						
17	Quench Recycle Flow	gpm	170	170	170						
18	Venturi Approach Water Flow	gpm	105	105	105						
19	Venturi Throat Water Flow	gpm	105	105	105						
20	WESP	KVDC	45	44	44						
21											
22	**3016C3**	Trial burn									
23											
24	MHI Draft	in H2O	0.252	0.26	0.253						
25	Hearth #3 Temp	^{o}F	1777	1758	1764						
26	Hearth #6 Temp	^{o}F	528	520	521						
27	SCC Exit Temp	^{o}F	1795	1808	1806						
28	Venturi Diff. Press	in. W.C	35	36	34						
29	Condenser Water Flow	gpm	1073	1075	1070						
30	Quench Recycle Flow	gpm	170	170	169						
31	Venturi Approach Water Flow	gpm	105	105	105						
32	Venturi Throat Water Flow	gpm	105	105	105						
33	WESP	KVDC	45	41	42						
34											
35	**3016C5**	Trial burn									
36											
37	Hearth #3 Temp	^{o}F	1578	1662							
38	Venturi Diff. Press.	Inch. H2O	37.7	37.3							
39											
40	**3016C6**	Trial burn									
41											
42	Hearth #3 Temp	^{o}F	1709	1694	1667						
43	Venturi Diff. Press.	Inch. H2O	36.1	36.4	34						
44											
45	**3016C7**	Trial burn									
46											
47	Hearth #3 Temp	^{o}F	1601	1599	1601						
48	Venturi Diff. Press.	Inch. H2O	37	37	36						
49											
50	**3016C8**	Trial burn									
51											
52	Hearth #3 Temp	^{o}F	1503	1507	1498						
53	Venturi Diff. Press.	Inch. H2O	37	36	35						
54											
55	**3016C9**	Trial burn									
56											
57	Hearth #3 Temp	^{o}F	1624	1627	1627						
58	Hearth #4 Temp	^{o}F	1634	1575	1526						
59	Hearth #5 Temp	^{o}F	1523	1364	1318						
60	SCC Temp	^{o}F	1703	1699	1697						
61	Venturi Diff. Press	inch H2O	36.2	36.4	36						
62	Scrubber Blowdown	gpm	30	30	30						
63	Condenser Flowrate	gpm	1050	1053	1000						
64	Quech Recycle Flowrate	gpm	191	191	190						
65	Venturi Flowrate	gpm	190	191	190						
66	Scrubber pH	pH	5.1	4.7	4.7						
67	WESP	KV	41.3	40.9	40.5						
68											
69	**3016C10**	Trial burn									

	B	C	D	E	F	G	H	I	J	K	L
70											
71	Hearth #3 Temp	^{o}F	1635	1629	1619						
72	Hearth #4 Temp	^{o}F	1517	1449	1478						
73	Hearth #5 Temp	^{o}F	1325	1321	1396						
74	SCC Temp	^{o}F	1701	1693	1696						
75	Venturi Diff. Press	inch H2O	36.7	34.8	35.7						
76	Scrubber Blowdown	gpm	30	30	30						
77	Condenser Flowrate	gpm	1000	1000	1006						
78	Quech Recycle Flowrate	gpm	190	190	190						
79	Venturi Flowrate	gpm	190	190	192						
80	Scrubber pH	pH	4.5	4.5	5						
81	WESP	KV	46.8	47	46.6						
82											
83	**3016C11**	Trial burn									
84											
85	Hearth #3 Temp	^{o}F	1503	1500							
86	Hearth #4 Temp	^{o}F	1433	1365							
87	Hearth #5 Temp	^{o}F	1398	1398							
88	SCC Temp	^{o}F	1600	1600							
89	WESP	KVA	1.28	1.22							
90	Venturi Press. Drop	inch H2O	44.7	44.8							
91	Scrubber pH		4.15	3.79							
92											
93	**3016C12**	Trial burn									
94			Run 3	Run 4	Run 5	Run 6	Run 7	Run 8	Run 9	Run 10	Run 11
95	Hearth #3 Temp	^{o}F	1626	1619	1627	1627	1629	1632	1655	1629	1633
96	Hearth #4 Temp	^{o}F	1290	1305	1316	1046	1247	1305	1273	1240	1344
97	Hearth #5 Temp	^{o}F	1093	1120	1115	846	1172	1215	1131	1221	1324
98	SCC Temp	^{o}F	1753	1756	1749	1752	1349	1756	1748	1751	1754
99	WESP	KVA	1.1	0.96	1.26	1.45	1.49	1.19	1.18	1.49	1.18
100	Venturi Press. Drop	inch H2O	49.8	37.9	49.8	50	49.2	38.3	45.8	38.6	38.6
101	Scrubber pH		5.01	4.81	4.82	5.14	4.65	4.33	4	5.64	5.57
102											
103											
104											
105	**3016C13**	Trial burn	Cond Avg								
106											
107	SCC Temp	^{o}F	1600								
108	Quench Flow Rate	GPM	149								
109	Venturi Press. Drop	inch H2O	47.4								
110	Venturi Blow Down pH		5.47								
111	WESP Secondary KVA	KVA	0.93								
112	Hearth #0 Temp	^{o}F	1020								
113	Hearth # 3&4 Hottest Temp	^{o}F	1502								
114	Hearth # 7 Temp	^{o}F	360								
115											
116											
117											
118	**3016C14**	Trial burn	Cond Avg								
119											
120	SCC Temp	^{o}F	1775								
121	Quench Flow Rate	GPM	157								
122	Venturi Press. Drop	inch H2O	47.2								
123	Venturi Blow Down pH		4.66								
124	WESP Secondary KVA	KVA	0.966								
125	Hearth #0 Temp	^{o}F	1226								
126	Hearth # 3&4 Hottest Temp	^{o}F	1625								
127	Hearth # 7 Temp	^{o}F	331								
128											
129											
130	**3016C15**	Trial burn	Cond Avg								
131											
132	SCC Temp	^{o}F	1600								
133	Quench Flow Rate	GPM	144								
134	Venturi Press. Drop	inch H2O	47.5								
135	Venturi Blow Down pH		4.97								
136	WESP Secondary KVA	KVA	1.01								
137	Hearth #0 Temp	^{o}F	893								

	B	C	D	E	F	G	H	I	J	K	L
138	Hearth # 3&4 Hottest Temp	^{o}F	1501								
139	Hearth # 7 Temp	^{o}F	162								

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
1	**PCDD/PCDF**																	
2	N																	
3	Facility Name and ID:		Eastman Kodak Company															
4	Condition ID:		3016C2															
5	Condition/Test Date:		Mini-burn, low temp															
6																		
7			I-TEF			Run 1						Run 2					Run 3	
8			Wght Fact		Total	TEQ	Total	TEQ		Total	TEQ	Total	TEQ		Total	TEQ	Total	TEQ
9					Full ND	Full ND	1/2 ND	1/2 ND		Full ND	Full ND	1/2 ND	1/2 ND		Full ND	Full ND	1/2 ND	1/2 ND
10	Detected in sample volume (pg)																	
11		2,3,7,8-TCDD	1															
12		Total TCDD	0															
13		1,2,3,7,8-PCDD	0.5															
14		Total PCDD	0															
15		1,2,3,4,7,8-HxCDD	0.1															
16		1,2,3,6,7,8-HxCDD	0.1															
17		1,2,3,7,8,9-HxCDD	0.1															
18		Total HxCDD	0															
19		1,2,3,4,6,7,8-HpCDD	0.01															
20		Total HpCDD	0															
21		OCDD	0.001															
22		2,3,7,8-TCDF	0.1															
23		Total TCDF	0															
24		1,2,3,7,8-PCDF	0.05															
25		2,3,4,7,8-PCDF	0.5															
26		Total PCDF	0															
27		1,2,3,4,7,8-HxCDF	0.1															
28		1,2,3,6,7,8-HxCDF	0.1															
29		2,3,4,6,7,8-HxCDF	0.1															
30		1,2,3,7,8,9-HxCDF	0.1															
31		Total HxCDF	0															
32		1,2,3,4,6,7,8-HpCDF	0.01															
33		1,2,3,4,7,8,9-HpCDF	0.01															
34		Total HpCDF	0															
35		OCDF	0.001															
36																		
37		Gas sample volume (dscf)																
38		O2 (%)																
39																		
40		PCDD/PCDF (pg in sample)					0.0	0.00				0.0	0.000				0.0	0.00
41		PCDD/PCDF (ng/dscm @ 7% O2)					227.00	0.49				1.46	0.0023				0.0000	0.0000
42																		
43		TEQ Cond Avg	0.16															
44		Total Cond Avg	76.15															

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
1	**PCDD/PCDF**																	
2	N																	
3	Facility Name and ID:		Eastman Kodak Company															
4	Condition ID:		3016C4															
5	Condition/Test Date:		Mini-burn, max feedrate															
6																		
7			I-TEF			Run 1					Run 2					Run 3		
8			Wght Fact		Total	TEQ	Total	TEQ		Total	TEQ	Total	TEQ		Total	TEQ	Total	TEQ
9					Full ND	Full ND	1/2 ND	1/2 ND		Full ND	Full ND	1/2 ND	1/2 ND		Full ND	Full ND	1/2 ND	1/2 ND
10	Detected in sample volume (ng)																	
11		2,3,7,8-TCDD	1															
12		Total TCDD	0		0.005	0.000E+00	5.0E-03	0.000E+00		0	0.00E+00	7.00E-03	0.00E+00					
13		1,2,3,7,8-PCDD	0.5															
14		Total PCDD	0							0.01	0.00E+00	1.00E-02	0.00E+00					
15		1,2,3,4,7,8-HxCDD	0.1															
16		1,2,3,6,7,8-HxCDD	0.1							0.03	3.00E-03	3.00E-02	3.00E-03					
17		1,2,3,7,8,9-HxCDD	0.1							0.02	2.00E-03	2.00E-02	2.00E-03					
18		Total HxCDD	0							0.09	0.00E+00	9.00E-02	0.00E+00		0.010	0.00E+00	1.00E-02	0.00E+00
19		1,2,3,4,6,7,8-HpCDD	0.01		0.007	7.000E-05	7.0E-03	7.000E-05		0.3	3.00E-03	3.00E-01	3.00E-03					
20		Total HpCDD	0		0.003	0.000E+00	3.0E-03	0.000E+00		0.13	0.00E+00	1.30E-01	0.00E+00		0.007	0.00E+00	7.00E-03	0.00E+00
21		OCDD	0.001		0.030	3.000E-05	3.0E-02	3.000E-05		0.45	4.50E-04	4.50E-01	4.50E-04		0.030	3.00E-05	3.00E-02	3.00E-05
22		2,3,7,8-TCDF	0.1		0.005	5.000E-04	5.0E-03	5.000E-04										
23		Total TCDF	0		0.015	0.000E+00	1.5E-02	0.000E+00										
24		1,2,3,7,8-PCDF	0.05							0.03	1.50E-03	3.00E-02	1.50E-03					
25		2,3,4,7,8-PCDF	0.5							0.03	1.50E-02	3.00E-02	1.50E-02					
26		Total PCDF	0							0.1	0.00E+00	1.00E-01	0.00E+00					
27		1,2,3,4,7,8-HxCDF	0.1							0.22	2.20E-02	2.20E-01	2.20E-02					
28		1,2,3,6,7,8-HxCDF	0.1							0.07	7.00E-03	7.00E-02	7.00E-03					
29		2,3,4,6,7,8-HxCDF	0.1		0.008	8.000E-04	8.0E-03	8.000E-04		0.05	5.00E-03	5.00E-02	5.00E-03					
30		1,2,3,7,8,9-HxCDF	0.1							0.007	7.00E-04	7.00E-03	7.00E-04					
31		Total HxCDF	0							0.16	0.00E+00	1.60E-01	0.00E+00		0.005	0.00E+00	5.00E-03	0.00E+00
32		1,2,3,4,6,7,8-HpCDF	0.01		0.010	1.000E-04	1.0E-02	1.000E-04		0.41	4.10E-03	4.10E-01	4.10E-03		0.010	1.00E-04	1.00E-02	1.00E-04
33		1,2,3,4,7,8,9-HpCDF	0.01															
34		Total HpCDF	0							0.09	0.00E+00	9.00E-02	0.00E+00		0.010	0.00E+00	1.00E-02	0.00E+00
35		OCDF	0.001		0.010	1.000E-05	1.0E-02	1.000E-05		0.35	3.50E-04	3.50E-01	3.50E-04					
36																		
37		Gas sample volume (dscf)				117.20	117.20	117.20			113.20	113.20	113.20			126.81	126.81	126.81
38		O2 (%)				8.50	8.50	8.50			8.80	8.80	8.80			8.50	8.50	8.50
39																		
40		PCDD/PCDF (ng in sample)				1.51E-03	6.3E-02	1.51E-03			0.06	1.4	0.06			0.00	0.1	0.00
41		PCDD/PCDF (ng/dscm @ 7% O2)		0.0		0.0005	0.0213	0.0005	0		0.0230	0.4968	0.0230	0		0.0000	0.0193	0.0000
42																		
43		TEQ Cond Avg	0.01															
44		Total Cond Avg	0.18															

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
1	**PCDD/PCDF**																	
2	N																	
3	Facility Name and ID:		Eastman Kodak Company															
4	Condition ID:		3016C9															
5	Condition/Test Date:		Trial burn, max feedrate, max #3 hearth temp															
6																		
7			I-TEF			Run 1					Run 2					Run 3		
8			Wght Fact		Total	TEQ	Total	TEQ		Total	TEQ	Total	TEQ		Total	TEQ	Total	TEQ
9					Full ND	Full ND	1/2 ND	1/2 ND		Full ND	Full ND	1/2 ND	1/2 ND		Full ND	Full ND	1/2 ND	1/2 ND
10	Detected in sample volume (ng)																	
11		2,3,7,8-TCDD	1	nd	0.0022	0.0022	0.0011	0.0011	nd	0.0021	0.00	0.00	0.00	nd	0.0021	0.0021	0.0011	0.0011
12		1,2,3,7,8-PCDD	0.5	nd	0.0021	0.0011	0.0011	0.0005	nd	0.0021	0.00	0.00	0.00	nd	0.0023	0.0012	0.0012	0.0006
13		1,2,3,4,7,8-HxCDD	0.1	nd	0.0019	0.0002	0.0010	0.0001	nd	0.0022	0.00	0.00	0.00	nd	0.0022	0.0002	0.0011	0.0001
14		1,2,3,6,7,8-HxCDD	0.1	nd	0.0018	0.0002	0.0009	0.0001	nd	0.002	0.00	0.00	0.00	nd	0.0020	0.0002	0.0010	0.0001
15		1,2,3,7,8,9-HxCDD	0.1	nd	0.0020	0.0002	0.0010	0.0001	nd	0.0023	0.00	0.00	0.00	nd	0.0023	0.0002	0.0012	0.0001
16		1,2,3,4,6,7,8-HpCDD	0.01		0.0120	0.0001	0.0120	0.0001		0.003	0.00	0.00	0.00		0.0078	0.0001	0.0078	0.0001
17		OCDD	0.001		0.0510	0.0001	0.0510	0.0001		0.041	0.00	0	0.00		0.0260	0.0000	0.0260	0.0000
18		2,3,7,8-TCDF	0.1		0.0130	0.0013	0.0130	0.0013		0.014	0.00	0	0.00		0.0065	0.0007	0.0065	0.0007
19		1,2,3,7,8-PCDF	0.05	nd	0.0021	0.0001	0.0011	0.0001		0.0032	0.00	0	0.00	nd	0.0021	0.0001	0.0011	0.0001
20		2,3,4,7,8-PCDF	0.5		0.0040	0.0020	0.0040	0.0020		0.0045	0.00	0	0.00	nd	0.0028	0.0014	0.0014	0.0007
21		1,2,3,4,7,8-HxCDF	0.1		0.0055	0.0006	0.0055	0.0006		0.0061	0.00	0	0.00		0.0044	0.0004	0.0044	0.0004
22		1,2,3,6,7,8-HxCDF	0.1		0.0024	0.0002	0.0024	0.0002		0.003	0.00	0	0.00	nd	0.0022	0.0002	0.0011	0.0001
23		2,3,4,6,7,8-HxCDF	0.1	nd	0.0034	0.0003	0.0017	0.0002		0.0048	0.00	0	0.00		0.0032	0.0003	0.0032	0.0003
24		1,2,3,7,8,9-HxCDF	0.1	nd	0.0028	0.0003	0.0014	0.0001	nd	0.0028	0.00	0	0.00	nd	0.0028	0.0003	0.0014	0.0001
25		1,2,3,4,6,7,8-HpCDF	0.01		0.0095	0.0001	0.0095	0.0001		0.012	0.00	0	0.00		0.0130	0.0001	0.0130	0.0001
26		1,2,3,4,7,8,9-HpCDF	0.01	nd	0.0025	0.0000	0.0013	0.0000	nd	0.0025	0.00	0	0.00	nd	0.0025	0.0000	0.0013	0.0000
27		OCDF	0.001		0.0075	0.0000	0.0075	0.0000	nd	0.0062	0.00	0	0.00		0.0059	0.0000	0.0059	0.0000
28		Total TCDD	0															
29		Total PCDD	0															
30		Total HxCDD	0															
31		Total HpCDD	0															
32		Total TCDF	0															
33		Total PCDF	0															
34		Total HxCDF	0															
35		Total HpCDF	0															
36																		
37		Gas sample volume (dscf)				137.36	137.36	137.36			130.96	130.96	130.96			141.72	141.72	141.72
38		O2 (%)				6.20	6.20	6.20			7.4	7.4	7.4			7.60	7.60	7.60
39																		
40		PCDD/PCDF (ng in sample)				0.009	0.059	0.007			0.010	0.044	0.007			0.008	0.032	0.005
41		PCDD/PCDF (ng/dscm @ 7% O2)		51.2		0.0022	0.0142	0.0016	43.3		0.0026	0.0122	0.0021	78.2		0.0020	0.0083	0.0012
42																		
43		TEQ Cond Avg	0.0016															
44		Total Cond Avg	0.0116															

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
1	**PCDD/PCDF**																
2	N																
3	Facility Name and ID:		Eastman Kodak Company														
4	Condition ID:		3016C11														
5	Condition/Test Date:		Mini-burn, max feedrate, low temp														
6																	
7			I-TEF			Run 1					Run 2					Run 3	
8			Wght Fact		Total	TEQ	Total	TEQ		Total	TEQ	Total	TEQ		Total	Total	TEQ
9					Full ND	Full ND	1/2 ND	1/2 ND		Full ND	Full ND	1/2 ND	1/2 ND			1/2 ND	1/2 ND
10	Detected in sample volume (pg)																
11		2,3,7,8-TCDD	1	nd	3.4	3	2	2	nd	3.3	3	2	2				
12		Total TCDD	0		6.00	0.000E+00	6.0E+00	0.000E+00		3.30	0	3.3E+00	0				
13		1,2,3,7,8-PCDD	0.5		2.80	1.400E+00	2.8E+00	1.400E+00		2.80	1.4E+00	2.8E+00	1.4E+00				
14		Total PCDD	0		0.00	0.000E+00				0.00	########						
15		1,2,3,4,7,8-HxCDD	0.1		3.40	3.400E-01	3.4E+00	3.400E-01		3.30	3.300E-01	3.3E+00	3.300E-01				
16		1,2,3,6,7,8-HxCDD	0.1		3.00	3.000E-01	3.0E+00	3.000E-01		3.00	3.000E-01	3.0E+00	3.000E-01				
17		1,2,3,7,8,9-HxCDD	0.1		4.30	4.300E-01	4.3E+00	4.300E-01		3.60	3.600E-01	3.6E+00	3.600E-01				
18		Total HxCDD	0		0.30	0.000E+00	3.0E-01	0.000E+00		0.00	########						
19		1,2,3,4,6,7,8-HpCDD	0.01		6.50	6.500E-02	6.5E+00	6.500E-02		8.20	8.200E-02	8.2E+00	8.200E-02				
20		Total HpCDD	0		2.60	0.000E+00	2.6E+00	0.000E+00		0.00	########						
21		OCDD	0.001		15.00	1.500E-02	1.5E+01	1.500E-02		26.00	2.600E-02	2.6E+01	2.600E-02				
22		2,3,7,8-TCDF	0.1	nd	3.50	3.500E-01	1.8E+00	1.750E-01	nd	3.00	3.000E-01	1.5E+00	1.500E-01				
23		Total TCDF	0		16.00	0.000E+00	1.6E+01	0.000E+00		19.00	0.0E+00	1.9E+01	0.0E+00				
24		1,2,3,7,8-PCDF	0.05		2.00	1.000E-01	2.0E+00	1.000E-01		2.00	1.000E-01	2.0E+00	1.000E-01				
25		2,3,4,7,8-PCDF	0.5		2.70	1.350E+00	2.7E+00	1.350E+00		2.80	1.4E+00	2.8E+00	1.4E+00				
26		Total PCDF	0		3.70	0.000E+00	3.7E+00	0.000E+00		3.30	0.0E+00	3.3E+00	0.0E+00				
27		1,2,3,4,7,8-HxCDF	0.1	nd	2.10	2.100E-01	1.1E+00	1.050E-01		2.40	2.400E-01	2.4E+00	2.400E-01				
28		1,2,3,6,7,8-HxCDF	0.1		1.60	1.600E-01	1.6E+00	1.600E-01	nd	1.40	1.400E-01	7.0E-01	7.000E-02				
29		2,3,4,6,7,8-HxCDF	0.1		2.20	2.200E-01	2.2E+00	2.200E-01		1.80	1.800E-01	1.8E+00	1.800E-01				
30		1,2,3,7,8,9-HxCDF	0.1	nd	2.00	2.000E-01	1.0E+00	1.000E-01	nd	2.00	2.000E-01	1.0E+00	1.000E-01				
31		Total HxCDF	0		0.20	0.000E+00	2.0E-01	0.000E+00		0.00	########						
32		1,2,3,4,6,7,8-HpCDF	0.01	nd	1.60	1.600E-02	8.0E-01	8.000E-03		3.50	3.500E-02	3.5E+00	3.500E-02				
33		1,2,3,4,7,8,9-HpCDF	0.01	nd	2.10	2.100E-02	1.1E+00	1.050E-02	nd	2.20	2.200E-02	1.1E+00	1.100E-02				
34		Total HpCDF	0	nd	1.80	0.000E+00	9.0E-01	0.000E+00		0.60	0.0E+00	6.0E-01	0.0E+00				
35		OCDF	0.001		8.80	8.800E-03	8.8E+00	8.800E-03		9.30	9.300E-03	9.3E+00	9.300E-03				
36																	
37		Gas sample volume (dscf)				124.01	124.01	124.01			121.52	121.52	121.52				
38		O2 (%)				5.50	5.50	5.50			5.50	5.50	5.50				
39																	
40		PCDD/PCDF (ng in sample)				8.59E-03	5.4E-02	6.49E-03			8.42E-03	6.2E-02	6.44E-03				
41		PCDD/PCDF (ng/dscm @ 7% O2	48.9			2.21E-03	1.38E-02	1.67E-03	47.0		2.21E-03	1.62E-02	1.69E-03				
42																	
43		TEQ Cond Avg	0.0017														
44		Total Cond Avg	0.01														

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
1	**PCDD/PCDF**																	
2	N																	
3	Facility Name and ID:		Eastman Kodak Company															
4	Condition ID:		3016C13															
5	Condition/Test Date:		Trial Burn, Min SCC Temp, Nov 29-30, 2001															
6																		
7			I-TEF			Run 1					Run 2					Run 3		
8			Wght Fact		Total	TEQ	Total	TEQ		Total	TEQ	Total	TEQ		Total	TEQ	Total	TEQ
9					Full ND	Full ND	1/2 ND	1/2 ND		Full ND	Full ND	1/2 ND	1/2 ND		Full ND	Full ND	1/2 ND	1/2 ND
10	Detected in sample volume (ng)																	
11		2,3,7,8-TCDD	1	nd	0.0059	0.0059	0.0030	0.0030	nd	0.0041	0.0041	0.0021	0.0021	nd	0.0056	0.0056	0.0028	0.0028
12		1,2,3,7,8-PCDD	0.5	nd	0.0051	0.0026	0.0026	0.0013	nd	0.0048	0.0024	0.0024	0.0012	nd	0.0042	0.0021	0.0021	0.0011
13		1,2,3,4,7,8-HxCDD	0.1	nd	0.0032	0.0003	0.0016	0.0002	nd	0.0031	0.0003	0.0016	0.0002	nd	0.0039	0.0004	0.0020	0.0002
14		1,2,3,6,7,8-HxCDD	0.1	nd	0.0030	0.0003	0.0015	0.0002	nd	0.0030	0.0003	0.0015	0.0002	nd	0.0037	0.0004	0.0019	0.0002
15		1,2,3,7,8,9-HxCDD	0.1	nd	0.0035	0.0004	0.0018	0.0002	nd	0.0041	0.0004	0.0021	0.0002	nd	0.0060	0.0006	0.0030	0.0003
16		1,2,3,4,6,7,8-HpCDD	0.01	nd	0.0130	0.0001	0.0065	0.0001		0.0130	0.0001	0.0130	0.0001		0.0200	0.0002	0.0200	0.0002
17		OCDD	0.001		0.0410	0.0000	0.0410	0.0000		0.0410	0.0000	0.0410	0.0000		0.0640	0.0001	0.0640	0.0001
18		2,3,7,8-TCDF	0.1	nd	0.0210	0.0021	0.0105	0.0011	nd	0.0297	0.0030	0.0149	0.0015	nd	0.0230	0.0023	0.0115	0.0012
19		1,2,3,7,8-PCDF	0.05	nd	0.0035	0.0002	0.0018	0.0001	nd	0.0037	0.0002	0.0019	0.0001	nd	0.0034	0.0002	0.0017	0.0001
20		2,3,4,7,8-PCDF	0.5		0.0061	0.0031	0.0061	0.0031		0.0081	0.0041	0.0081	0.0041	nd	0.0063	0.0032	0.0032	0.0016
21		1,2,3,4,7,8-HxCDF	0.1		0.0061	0.0006	0.0061	0.0006		0.0009	0.0001	0.0009	0.0001	nd	0.0067	0.0007	0.0034	0.0003
22		1,2,3,6,7,8-HxCDF	0.1	nd	0.0033	0.0003	0.0017	0.0002		0.0034	0.0003	0.0034	0.0003	nd	0.0042	0.0004	0.0021	0.0002
23		2,3,4,6,7,8-HxCDF	0.1	nd	0.0045	0.0005	0.0023	0.0002	nd	0.0051	0.0005	0.0026	0.0003	nd	0.0057	0.0006	0.0029	0.0003
24		1,2,3,7,8,9-HxCDF	0.1	nd	0.0051	0.0005	0.0026	0.0003	nd	0.0046	0.0005	0.0023	0.0002	nd	0.0065	0.0007	0.0033	0.0003
25		1,2,3,4,6,7,8-HpCDF	0.01	nd	0.0080	0.0001	0.0040	0.0000	nd	0.0088	0.0001	0.0044	0.0000	nd	0.0087	0.0001	0.0044	0.0000
26		1,2,3,4,7,8,9-HpCDF	0.01	nd	0.0075	0.0001	0.0038	0.0000	nd	0.0053	0.0001	0.0027	0.0000	nd	0.0056	0.0001	0.0028	0.0000
27		OCDF	0.001		0.0120	0.0000	0.0120	0.0000		0.0086	0.0000	0.0086	0.0000		0.0110	0.0000	0.0110	0.0000
28																		
29		Gas sample volume (dscf)				190.48		190.48			198.69		198.69			192.55		192.55
30		O2 (%)				7.86		7.86			8.20		8.20			7.61		7.61
31																		
32		PCDD/PCDF (ng in sample)				0.0170		0.0103			0.0164		0.0106			0.0174		0.0088
33		PCDD/PCDF (ng/dscm @ 7% O2	78.1			0.0034		0.0020	71.7		0.0032		0.0021	98.4		0.0033		0.0017
34																		
35		TEQ Cond Avg	0.0019															

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
1	**PCDD/PCDF**																	
2	N																	
3	Facility Name and ID:		Eastman Kodak Company															
4	Condition ID:		3016C14															
5	Condition/Test Date:		Trial Burn, Max SCC Temp, Nov 29-30, 2001															
6																		
7			I-TEF			Run 1					Run 2					Run 3		
8			Wght Fact		Total	TEQ	Total	TEQ		Total	TEQ	Total	TEQ		Total	TEQ	Total	TEQ
9					Full ND	Full ND	1/2 ND	1/2 ND		Full ND	Full ND	1/2 ND	1/2 ND		Full ND	Full ND	1/2 ND	1/2 ND
10	Detected in sample volume (ng)																	
11		2,3,7,8-TCDD	1	nd	0.0087	0.0087	0.0044	0.0044	nd	0.0053	0.0053	0.0027	0.0027	nd	0.0040	0.0040	0.0020	0.0020
12		1,2,3,7,8-PCDD	0.5	nd	0.0043	0.0022	0.0022	0.0011	nd	0.0053	0.0027	0.0027	0.0013	nd	0.0040	0.0020	0.0020	0.0010
13		1,2,3,4,7,8-HxCDD	0.1	nd	0.0042	0.0004	0.0021	0.0002	nd	0.0039	0.0004	0.0020	0.0002	nd	0.0040	0.0004	0.0020	0.0002
14		1,2,3,6,7,8-HxCDD	0.1	nd	0.0041	0.0004	0.0021	0.0002	nd	0.0044	0.0004	0.0022	0.0002	nd	0.0038	0.0004	0.0019	0.0002
15		1,2,3,7,8,9-HxCDD	0.1	nd	0.0085	0.0009	0.0043	0.0004	nd	0.0063	0.0006	0.0032	0.0003	nd	0.0045	0.0005	0.0023	0.0002
16		1,2,3,4,6,7,8-HpCDD	0.01		0.0270	0.0003	0.0270	0.0003	nd	0.0220	0.0002	0.0110	0.0001	nd	0.0200	0.0002	0.0100	0.0001
17		OCDD	0.001		0.1010	0.0001	0.1010	0.0001		0.0880	0.0001	0.0880	0.0001		0.0780	0.0001	0.0780	0.0001
18		2,3,7,8-TCDF	0.1	nd	0.0180	0.0018	0.0090	0.0009	nd	0.0090	0.0009	0.0045	0.0005	nd	0.0110	0.0011	0.0055	0.0006
19		1,2,3,7,8-PCDF	0.05	nd	0.0045	0.0002	0.0023	0.0001	nd	0.0043	0.0002	0.0022	0.0001	nd	0.0038	0.0002	0.0019	0.0001
20		2,3,4,7,8-PCDF	0.5	nd	0.0047	0.0024	0.0024	0.0012	nd	0.0049	0.0025	0.0025	0.0012	nd	0.0051	0.0026	0.0026	0.0013
21		1,2,3,4,7,8-HxCDF	0.1	nd	0.0040	0.0004	0.0020	0.0002	nd	0.0047	0.0005	0.0024	0.0002	nd	0.0044	0.0004	0.0022	0.0002
22		1,2,3,6,7,8-HxCDF	0.1	nd	0.0035	0.0004	0.0018	0.0002	nd	0.0033	0.0003	0.0017	0.0002	nd	0.0034	0.0003	0.0017	0.0002
23		2,3,4,6,7,8-HxCDF	0.1	nd	0.0043	0.0004	0.0022	0.0002	nd	0.0041	0.0004	0.0021	0.0002	nd	0.0042	0.0004	0.0021	0.0002
24		1,2,3,7,8,9-HxCDF	0.1	nd	0.0042	0.0004	0.0021	0.0002	nd	0.0041	0.0004	0.0021	0.0002	nd	0.0042	0.0004	0.0021	0.0002
25		1,2,3,4,6,7,8-HpCDF	0.01	nd	0.0037	0.0000	0.0019	0.0000	nd	0.0054	0.0001	0.0027	0.0000	nd	0.0039	0.0000	0.0020	0.0000
26		1,2,3,4,7,8,9-HpCDF	0.01	nd	0.0039	0.0000	0.0020	0.0000	nd	0.0057	0.0001	0.0029	0.0000	nd	0.0040	0.0000	0.0020	0.0000
27		OCDF	0.001		0.1150	0.0001	0.1150	0.0001		0.0150	0.0000	0.0150	0.0000		0.0110	0.0000	0.0110	0.0000
28																		
29		Gas sample volume (dscf)				169.43		169.43			168.30		168.30			174.85		174.85
30		O2 (%)				6.15		6.15			6.38		6.38			6.64		6.64
31																		
32		PCDD/PCDF (ng in sample)				0.0191		0.0098			0.0150		0.0076			0.0131		0.0066
33		PCDD/PCDF (ng/dscm @ 7% O2		97.5		0.0037		0.0019	99.3		0.0030		0.0015	99.3		0.0026		0.0013
34																		
35		TEQ Cond Avg	0.0016															