

	B	C
1	<b>Source Description</b>	
2		
3	Phase I ID No.	3027
4	EPA ID No.	TXD078432457
5	Facility Name	Celanese LTD.
6	Facility Location	
7	City	Pasadena
8	State	TX
9	Unit ID Name/No.	Liquid Incinerator MN-460
10	Other Sister Facilities	
11	Number of Sister Facilities	0
12	Combustor Class	Onsite incinerator
13	Combustor Type	Liquid injection
14	Combustor Characteristics	
15	Capacity (MMBtu/hr)	
16	Soot Blowing	
17	APCS Detailed Acronym	WS
18	APCS General Class	LEWS
19	APCS Characteristics	Scrubber
20	Hazardous Wastes	Liq
21	Haz Waste Description	Waste water, formaldehyde
22	Supplemental Fuel	Natural gas
23		
24	Stack Characteristics	
25	Diameter (ft)	4.45
26	Height (ft)	88
27	Gas Velocity (ft/sec)	24.6
28	Gas Temperature (°F)	160
29		
30	Permitting Status	Tier I for all metals
31	HWC Burn Status (Date if Terminated)	

	B	C
1	<b>Condition Description</b>	
2		
3	<b>3027C1</b>	
4		
5	Report Name/Date	RCRA Trial Burn Test Report, January 1999
6	Report Prepare	AirSource Technologies, Inc.
7	Testing Firm	AirSource Technologies, Inc.
8	Testing Dates	September 24-25, 1998
9	Cond Dates	Sep-98
10	Condition Descr	Trial burn, low temp
11	Content	PM, CO, DRE, HCl/Cl2
12		
13	<b>3027C2</b>	
14		
15	Report Name/Date	RCRA Trial Burn Test Report, January 1999
16	Report Prepare	AirSource Technologies, Inc.
17	Testing Firm	AirSource Technologies, Inc.
18	Testing Dates	September 26-29
19	Cond Dates	Sep-98
20	Condition Descr	Trial burn, high temp
21	Content	PM, CO, metals, HCl/Cl2

	B	C	D	E	F	G	H	I	J	K	L	M
1	<b>Stack Gas Emissions</b>											
2												
3		Comments	Units	7% O2								
4												
5	<b>3027C1</b>					R1		R2		R3		Cond Avg
6												
7	PM	E1	gr/dscf	y		0.0052		0.0039		0.0037		0.0043
8	PM (total)	E1	gr/dscf	y		0.0059		0.0042		0.004		0.0047
9	CO (RA)	E1	ppmv	y		4.3		3.9		3.9		4.0
10	HC (RA)		ppmv	n		0.6		0.5		0.3		0.5
11	NOx		ppmv	n		282.6		277.8		286.7		282.4
12	SO2		ppmv	n		0.2		0.2		0.4		0.3
13												
14	HCl		lb/hr	n		0.00384		0.00352		0.0298		
15	Cl2		lb/hr	n		0.0233		0.0221		0.415		
16												
17	POHC DRE	Formaldehyde										
18	POHC Feedrate		lb/hr			282.2		220.4		282.5		
19	Emission Rate	E2	lb/hr			0.00133		0.00098		0.00155		
20	DRE	E2	%			99.9995		99.9996		99.9994		
21												
22	Sampling Train	PM, HCl/Cl2	E1									
23	Stack Gas Flowrate		dscfm			16686		17084		16867		16879.0
24	O2		%			4.19		4.4		4.23		4.3
25	Moisture		%			14.07		13.34		13.98		13.8
26	Temperature		°F			161		157		156		158.0
27												
28	Sampling Train	DRE	E2									
29	Stack Gas Flowrate		dscfm			16710		16447		16121		16426.0
30	O2		%			4.19		4.4		4.23		4.3
31	Moisture		%			14.25		13.98		14.32		14.2
32	Temperature		°F			161		157		155		157.7
33												
34	HC (RA)	E1	ppmv	y		0.50		0.42		0.25		0.4
35	NOx	E1	ppmv	y		235.36		234.29		239.34		236.3
36	SO2	E1	ppmv	y		0.17		0.17		0.33		0.2
37												
38	HCl	E1	ppmv	y		0.034		0.031		0.263		0.11
39	Cl2	E1	ppmv	y		0.26		0.22		4.51		1.66
40	Total Chlorine	E1	ppmv	y		0.55		0.47		9.27		3.43
41												
42	<b>3027C2</b>					R1		R2		R3		Cond Avg
43												
44	PM	E1	gr/dscf	y		0.0124		0.0089		0.0084		0.0099
45	PM (total)	E1	gr/dscf	y		0.0126		0.0092		0.0085		0.0101
46	CO (RA)	E1	ppmv	y		3.2		2.9		2.8		2.97
47	HC (RA)		ppmv	n		0.5		0.2		0.1		0.27
48	NOx		ppmv	n		295.4		294.7		293.4		
49	SO2		ppmv	n		0.1		0.1		0.2		
50												
51	HCl		lb/hr	n		0.024		0.0189		0.0185		
52	Cl2		lb/hr	n		22.366		0.589		0.634		
53												
54	Aluminum		ug/dscm	n		402.959		353.458		312.781		
55	Antimony		ug/dscm	n		0.306		0.295		0.436		
56	Arsenic		ug/dscm	n		0.167		0.161		0.163		
57	Barium		ug/dscm	n		19.016		18.96		17.778		
58	Beryllium		ug/dscm	n		0.014		0.013		0.014		
59	Boron		ug/dscm	n		110.584		127.293		104.578		
60	Cadmium		ug/dscm	n		0.667		0.67		0.626		
61	Calcium		ug/dscm	n		76.943		76.07		72.9		
62	Chromium		ug/dscm	n		60.068		46.61		51.2		
63	Cobalt		ug/dscm	n		0.556		0.804		0.545		
64	Copper		ug/dscm	n		3.615		3.214		2.996		
65	Iron		ug/dscm	n		79.521		72.741		76.84		
66	Lead		ug/dscm	n		0.854		0.321		0.545		
67	Lithium		ug/dscm	n		3.337		2.786		3.159		
68	Magnesium		ug/dscm	n		163.798		56.248		34.745		
69	Manganese		ug/dscm	n		99.28		95.095		104.033		
70	Mercury		ug/dscm	n		1.224		1.179		1.198		
71	Molybdenum		ug/dscm	n		97.889		80.63		85.242		

	B	C	D	E	F	G	H	I	J	K	L	M
72	Nickel		ug/dscm	n		19.189		11.251		13.072		
73	Phosphorus		ug/dscm	n		7276.43		6742.878		6864.87		
74	Potassium		ug/dscm	n		520.037		420.56		484.763		
75	Selenium		ug/dscm	n		0.306		0.295		0.3		
76	Silver		ug/dscm	n		0.362		0.241		0.245		
77	Sodium		ug/dscm	n		1057.552		858.358		1047.687		
78	Strontium		ug/dscm	n		0.834		0.804		0.817		
79	Thallium		ug/dscm	n		0.306		0.295		0.3		
80	Tin		ug/dscm	n		3.337		3.75		3.268		
81	Titanium		ug/dscm	n		1.669		1.607		1.634		
82	Vanadium		ug/dscm	n		3.059		2.947		2.996		
83	Zinc		ug/dscm	n		9.227		11.829		15.009		
84	Chromium (Hex)		ug/dscm	n		14.9		15.2		23		
85												
86												
87	Sampling Train	PM, HCl/Cl2	E1									
88	Stack Gas Flowrate		dscfm			16466		17545		17116		17042.3
89	O2		%			5.1		5.06		4.93		5.03
90	Moisture		%			15.06		15.13		14.42		14.9
91	Temperature		°F			158		158		160		158.7
92												
93	Sampling Train	metals	E2									
94	Stack Gas Flowrate		dscfm			15893		16135		16251		16093.0
95	O2		%			3.71		4.77		5.02		4.5
96	Moisture		%			15.16		14.3		12.24		13.9
97	Temperature		°F			161		159		159		159.7
98												
99	Sampling Train	Cr+6	E3									
100	Stack Gas Flowrate		dscfm			15634		16699		16071		16134.7
101	O2		%			3.7		5		4.6		4.4
102	Moisture		%			14.61		13.2		12.98		13.6
103	Temperature		°F			160		96		87		114.3
104												
105	HC (RA)	E1	ppmv	y		0.44		0.18		0.09		0.2
106	NOx	E1	ppmv	y		260.10		258.83		255.61		258.2
107	SO2	E1	ppmv	y		0.09		0.09		0.17		0.1
108												
109	HCl	E1	ppmv	y		0.23		0.17		0.17		0.2
110	Cl2	E1	ppmv	y		109.81		2.71		2.96		38.5
111	Total Chlorine	E1	ppmv	y		219.9		5.6		6.1		77.2
112												
113	Aluminum	E2	ug/dscm	y		347.6		309.7		265.4		307.5
114	Antimony	E2	ug/dscm	y		0.3		0.3		0.4		0.3
115	Arsenic	E2	ug/dscm	y		0.1		0.1		0.1		0.1
116	Barium	E2	ug/dscm	y		16.4		16.6		15.1		16.0
117	Beryllium	E2	ug/dscm	y		0.0		0.0		0.0		0.0
118	Boron	E2	ug/dscm	y		95.4		111.5		88.7		98.5
119	Cadmium	E2	ug/dscm	y		0.6		0.6		0.5		0.6
120	Calcium	E2	ug/dscm	y		66.4		66.6		61.9		65.0
121	Chromium	E2	ug/dscm	y		51.8		40.8		43.4		45.4
122	Cobalt	E2	ug/dscm	y		0.5		0.7		0.5		0.5
123	Copper	E2	ug/dscm	y		3.1		2.8		2.5		2.8
124	Iron	E2	ug/dscm	y		68.6		63.7		65.2		65.8
125	Lead	E2	ug/dscm	y		0.7		0.3		0.5		0.5
126	Lithium	E2	ug/dscm	y		2.9		2.4		2.7		2.7
127	Magnesium	E2	ug/dscm	y		141.3		49.3		29.5		73.4
128	Manganese	E2	ug/dscm	y		85.6		83.3		88.3		85.7
129	Mercury	E2	ug/dscm	y		1.1		1.0		1.0		1.0
130	Molybdenum	E2	ug/dscm	y		84.4		70.6		72.3		75.8
131	Nickel	E2	ug/dscm	y		16.6		9.9		11.1		12.5
132	Phosphorus	E2	ug/dscm	y		6276.6		5907.4		5824.7		6002.9
133	Potassium	E2	ug/dscm	y		448.6		368.5		411.3		409.4
134	Selenium	E2	ug/dscm	y		0.3		0.3		0.3		0.3
135	Silver	E2	ug/dscm	y		0.3		0.2		0.2		0.2
136	Sodium	E2	ug/dscm	y		912.2		752.0		888.9		851.1
137	Strontium	E2	ug/dscm	y		0.7		0.7		0.7		0.7
138	Thallium	E2	ug/dscm	y		0.3		0.3		0.3		0.3
139	Tin	E2	ug/dscm	y		2.9		3.3		2.8		3.0
140	Titanium	E2	ug/dscm	y		1.4		1.4		1.4		1.4
141	Vanadium	E2	ug/dscm	y		2.6		2.6		2.5		2.6
142	Zinc	E2	ug/dscm	y		8.0		10.4		12.7		10.4

	B	C	D	E	F	G	H	I	J	K	L	M
143	Chromium (Hex)	E3	ug/dscm	y		12.9		13.3		19.5		15.2
144												
145	SVM	E2	ug/dscm	y		1.3		0.9		1.0		1.1
146	LVM	E2	ug/dscm	y		52.0		41.0		43.6		45.5

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X
1	<b>Feedstream 2</b>																						
2																							
3	<b>3027C1</b>	<b>Trial burn</b>																					
4																							
5	Feedstream Number																						
6	Feed Class																						
7	Feed Class 2																						
8	Feedstream Description																						
9	Feed Rate																						
10	Heating Value																						
11	Thermal Feedrate																						
12	Specific Gravity																						
13	Density																						
14	Viscosity																						
15	Ash																						
16	Chlorine																						
17	Antimony																						
18	Arsenic																						
19	Barium																						
20	Beryllium																						
21	Cadmium																						
22	Chromium																						
23	Lead																						
24	Mercury																						
25	Silver																						
26	Thallium																						
27																							
28	Stack Gas Flowrate																						
29	Oxygen																						
30																							
31	Thermal Feedrate																						
32	Estimated Firing Rate																						
33																							
34	<b>Feedrate MTEC Calculators</b>																						
35	Ash																						
36	Chlorine																						
37	Antimony																						
38	Arsenic																						
39	Barium																						
40	Beryllium																						
41	Cadmium																						
42	Chromium																						
43	Lead																						
44	Mercury																						
45	Silver																						
46	Thallium																						
47	SVM																						
48	LVM																						
49																							
50	<b>3027C2</b>	<b>Trial burn</b>																					
51																							
52	Feedstream Number																						
53	Feed Class																						
54	Feed Class 2																						
55	Feedstream Description																						
56	Feed Rate																						
57	Heating Value																						
58	Thermal Feedrate																						
59	Specific Gravity																						
60	Density																						

	B	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR
1	<b>Feedstream 2</b>																				
2																					
3	<b>3027C1</b>		R3	Cond Avg	R1	R2	R3	Cond Avg	R1	R2	R3	F4	Total	Total	Total	R2	F4	Total	Total	Total	Cond Avg
4																					
5	Feedstream Number		F3	F3																	
6	Feed Class		Liq HW	Liq HW																	
7	Feed Class 2																				
8	Feedstream Description		Organic Waste B	Organic Waste B																	
9	Feed Rate		2938.8																		
10	Heating Value		9440																		
11	Thermal Feedrate																				
12	Specific Gravity		1.09																		
13	Density		1.09																		
14	Viscosity		3.64																		
15	Ash		0.37																		
16	Chlorine		23.34																		
17	Antimony		nd																		
18	Arsenic		nd																		
19	Barium		nd																		
20	Beryllium		nd																		
21	Cadmium		nd																		
22	Chromium		5.1																		
23	Lead		0.18																		
24	Mercury		0.03																		
25	Silver		0.03																		
26	Thallium		0.31																		
27	Stack Gas Flowrate		16867.0		16879.0																
28	Oxygen		4.2		4.3																
29																					
30																					
31	Thermal Feedrate		27.7		27.7																
32	Estimated Firing Rate																				
33																					
34	<b>Feedrate MTEC Calculat</b>																				
35	Ash		143.9		313.1	9.9	937.2	21.7	303.9	18.2	347.7	15	492.6	10	937.2	22	271.0	18	316.0	15	492.6
36	Chlorine		907.7		694.1		6375.3		5701.7		6983.1		6353.4		6375.3		5701.7		6983.1		6353.4
37	Antimony		100		7.7	92.5	19.4	100	19.2	100	17.6	97	18.7	92	19.4	100	9.6	100	8.8	97	18.7
38	Arsenic		100		7.7	94.9	18.9	100	18.7	96	17.6	97	18.4	95	18.9	100	9.4	96	8.8	97	18.4
39	Barium		100		23.7	100	61.7	100	62.2	96	60.0	97	61.3	96	61.7	100	31.1	96	30.0	97	61.3
40	Beryllium		100		0.4	100	0.9	100	0.9	100	0.9	100	0.9	100	0.9	100	0.5	100	0.5	100	0.9
41	Cadmium		100		0.8	100	1.8	100	1.8	100	1.8	100	1.8	100	1.8	100	0.9	100	0.9	100	1.8
42	Chromium		198.3		179.6		360.2		342.8		376.5		359.9		360.2		342.8		376.5		359.9
43	Lead		100		7.7	100	18.6	100	18.6	100	17.5	100	18.2	100	18.6	100	9.3	100	8.8	100	18.2
44	Mercury		100		1.2	100	2.7	100	2.7	100	2.8	100	2.7	100	2.7	100	1.4	100	1.4	100	2.7
45	Silver		100		1.2	100	2.8	100	2.8	100	2.8	100	2.8	100	2.8	100	1.4	100	1.4	100	2.8
46	Thallium		100		12.1	100	31.4	100	31.0	100	29.9	100	30.7	100	31.4	100	15.5	100	14.9	100	30.7
47	SVM		100		7.78	100	20.4	100	20.4	100	19.3	100	20.1	100	20.4	100	20.4	100	19.3	100	20.1
48	LVM		205.7		187.7		380.1		362.5		395.1		379.2		380.1		362.5		395.1		379.2
49																					
50	<b>3027C2</b>		R3	Cond Avg	R1	R2	R3	Cond Avg	R1	R2	R3	F4	Total	Total	Total	R2	F4	Total	Total	Total	Cond Avg
51																					
52	Feedstream Number		F3	F3																	
53	Feed Class		Liq HW	Liq HW																	
54	Feed Class 2																				
55	Feedstream Description		Organic Waste B	Organic Waste B																	
56	Feed Rate		3036.1																		
57	Heating Value		9210																		
58	Thermal Feedrate																				
59	Specific Gravity		1.08																		
60	Density		1.08																		

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X
61	Viscosity																						
62	Ash	%		nd	0.04 nd	0.03 nd	0.03 nd	0.03 nd	0.03				3.71	3.75	3.75	3.75	3.75				3.56		3.63
63	Chlorine	mg/kg		18.25	18.25	25.7	17.7	17.7	17.7				78.43	50.14	50.14	50.14	16.57				56.65		27.85
64	Antimony	mg/kg		0.003 nd	0.003 nd	0.003 nd	0.003 nd	0.003 nd	0.003			nd	0.19 nd	0.19 nd	0.19 nd	0.19 nd	0.19			nd	0.2 nd		0.19
65	Arsenic	mg/kg		0.003	0.003	0.003	0.003	0.003	0.003			nd	0.19 nd	0.19 nd	0.19 nd	0.19 nd	0.19			nd	0.2 nd		0.19
66	Barium	mg/kg		0.014	0.014	0.012	0.011	0.012	0.011			nd	0.64 nd	0.63 nd	0.63 nd	0.63 nd	0.63			nd	0.67 nd		0.62
67	Beryllium	mg/kg		0.000 nd	0.000 nd	0.000 nd	0.000	0.000 nd	0.000			nd	0.01 nd	0.01 nd	0.01 nd	0.01 nd	0.01			nd	0.01 nd		0.01
68	Cadmium	mg/kg		0.000	0.000	0.000	0.000	0.000 nd	0.000			nd	0.02 nd	0.02 nd	0.02 nd	0.02 nd	0.02			nd	0.02 nd		0.02
69	Chromium	mg/kg		0.342	0.342	0.343	0.353	0.343	0.353			nd	1.9	1.9	1.9	1.7				nd	4.3		5.2
70	Lead	mg/kg		0.003 nd	0.003 nd	0.003 nd	0.003	0.003 nd	0.003			nd	0.19 nd	0.19 nd	0.19 nd	0.19 nd	0.19			nd	0.2 nd		0.19
71	Mercury	mg/kg		0.000 nd	0.000 nd	0.000 nd	0.000	0.000 nd	0.000			nd	0.03 nd	0.03 nd	0.03 nd	0.03 nd	0.03			nd	0.03 nd		0.03
72	Silver	mg/kg		0.001	0.001	0.001	0.001	0.001 nd	0.001			nd	0.03 nd	0.03 nd	0.03 nd	0.03 nd	0.03			nd	0.03 nd		0.03
73	Thallium	mg/kg		0.005 nd	0.005 nd	0.006 nd	0.005	0.006 nd	0.005			nd	0.32 nd	0.32 nd	0.32 nd	0.32 nd	0.32			nd	0.33 nd		0.31
74																							
75	Stack Gas Flowrate	dscfm		16466.0	16466.0	17545.0	17116.0	17545.0	17116.0		17042.3	17042.3	16466.0	17545.0	17545.0	17545.0	17116.0		17042.3		16466.0		17545.0
76	Oxygen	%		5.1	5.1	5.1	4.9	5.1	4.9		5.0	5.0	5.1	5.1	5.1	5.1	4.9		5.0		5.1		5.1
77																							
78	Thermal Feedrate	MMBtu/hr											29.0	27.6	27.6	28.3			28.3		30.5		30.3
79	Estimated Firing Rate	MMBtu/hr																					
80																							
81	Feedrate MTEC Calculations																						
82	Ash	mg/dscm		100	58.1 100	35.6 100	38.0 100	35.6 100	38.0 100		43.9	43.9	191.5	148.1	148.1	148.1	147.3		162.3		263.0		220.7
83	Chlorine	ug/dscm			4547.8	5710.5	3844.4	5710.5	3844.4		4700.9	4700.9	4402.0	2641.9	2641.9	2641.9	886.5		2643.5		2305.3		1089.4
84	Antimony	ug/dscm		100	0.8 100	0.8 100	0.7 100	0.8 100	0.7 100		0.7 100	0.7 100	10.7 100	10.0 100	10.0 100	10.0 100	10.2 100		10.3 100		8.1 100		7.4
85	Arsenic	ug/dscm		100	0.8 100	0.8 100	0.7 100	0.8 100	0.7 100		0.7 100	0.7 100	10.7 100	10.0 100	10.0 100	10.2 100	10.2 100		10.3 100		8.1 100		7.4
86	Barium	ug/dscm		100	3.4	2.6	2.3	2.6	2.3		2.8 100	2.8 100	35.9 100	33.2 100	33.2 100	33.7 100	33.7 100		34.3 100		27.3 100		24.3
87	Beryllium	ug/dscm		100	0.0 100	0.0 100	0.0 100	0.0 100	0.0 100		0.0 100	0.0 100	0.6 100	0.5 100	0.5 100	0.5 100	0.5 100		0.5 100		0.4 100		0.4
88	Cadmium	ug/dscm		100	0.0	0.0	0.0	0.0	0.0		0.0 100	0.0 100	1.1 100	1.1 100	1.1 100	1.1 100	1.1 100		1.1 100		0.8 100		0.8
89	Chromium	ug/dscm		100	85.3	76.4	76.7	76.4	76.7		79.4	79.4	106.6	100.1	100.1	100.1	90.9		99.2		175.0		203.4
90	Lead	ug/dscm		100	0.7 100	0.7 100	0.6 100	0.7 100	0.6 100		0.7 100	0.7 100	10.7 100	10.0 100	10.0 100	10.2 100	10.2 100		10.3 100		8.1 100		7.4
91	Mercury	ug/dscm		100	0.0 100	0.0 100	0.0 100	0.0 100	0.0 100		0.0 100	0.0 100	1.7 100	1.6 100	1.6 100	1.6 100	1.6 100		1.6 100		1.2 100		1.2
92	Silver	ug/dscm		100	0.1 100	0.3 100	0.1 100	0.3 100	0.1 100		0.2 100	0.2 100	1.7 100	1.6 100	1.6 100	1.6 100	1.6 100		1.6 100		1.2 100		1.2
93	Thallium	ug/dscm		100	1.3 100	1.3 100	1.1 100	1.3 100	1.1 100		1.2 100	1.2 100	18.0 100	16.9 100	16.9 100	16.9 100	17.1 100		17.3 100		13.4 100		12.1
94	SVM	ug/dscm		99	0.74 99	0.66 99	0.64 99	0.66 99	0.64 99		0.7 100	0.7 100	11.8 100	11.1 100	11.1 100	11.2 100	11.2 100		11.4 100		9.0 100		8.2
95	LVM	ug/dscm		0	86.1 0	77.2 0	77.4 0	77.2 0	77.4 0		80.2 9.5	80.2 9.5	117.9 9.5	110.7 11	110.7 11	110.7 11	101.6 9.8		110.1 4.7		183.5 3.7		211.2



	B	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR
61	Viscosity		3.64																		
62	Ash		5.01																		
63	Chlorine		28.05																		
64	Antimony	nd	0.2																		
65	Arsenic	nd	0.21																		
66	Barium	nd	0.67																		
67	Beryllium	nd	0.01																		
68	Cadmium	nd	0.02																		
69	Chromium		4.1																		
70	Lead	nd	0.2																		
71	Mercury	nd	0.03																		
72	Silver	nd	0.03																		
73	Thallium	nd	0.34																		
74																					
75	Stack Gas Flowrate		17116.0		17042.3																
76	Oxygen		4.9		5.0																
77																					
78	Thermal Feedrate		28.0		29.6																
79	Estimated Firing Rate																				
80																					
81	Feedrate MTEC Calculat																				
82	Ash		2070.1		851.3	11	512.6	9	404.4	2	2255.4	4	1057.5	11	483.5	9	386.6	2	2236.4	4	1057.5
83	Chlorine		1121.9		1505.5		11255.0		9441.8		5852.7		8849.8		11255.0		9441.8		5852.7		8849.8
84	Antimony	100	8.0	100	7.9	100	19.6	100	18.2	100	18.8	100	18.9	100	9.8	100	9.1	100	9.4	100	18.9
85	Arsenic	100	8.4	100	8.0	100	19.6	100	18.2	100	19.2	100	19.0	100	9.8	100	9.1	100	9.6	100	19.0
86	Barium	100	26.8	100	26.1	95	66.6	96	60.1	96	62.8	96	63.2	95	33.3	96	30.0	96	31.4	96	63.2
87	Beryllium	100	0.4	100	0.4	100	1.0	100	1.0	100	1.0	100	1.0	100	0.5	100	0.5	100	0.5	100	1.0
88	Cadmium	100	0.8	100	0.8	100	1.9	100	1.8	100	1.9	100	1.9	100	1.0	100	0.9	100	0.9	100	1.9
89	Chromium		164.0		180.8	0	366.9	0	379.9	0	331.6	0	359.5	0	366.9		379.9		331.6		359.5
90	Lead	100	8.0	100	7.9	100	19.5	100	18.1	100	18.8	100	18.8	100	9.8	100	9.0	100	9.4	100	18.8
91	Mercury	100	1.2	100	1.2	100	2.9	100	2.8	100	2.8	100	2.8	100	1.5	100	1.4	100	1.4	100	2.8
92	Silver	100	1.2	100	1.2	100	3.0	100	3.0	100	2.9	100	3.0	100	1.5	100	1.5	100	1.5	100	3.0
93	Thallium	100	13.6	100	13.1	100	32.7	100	30.3	100	31.8	100	31.6	100	16.4	100	15.1	100	15.9	100	31.6
94	SVM	100	8.8	100	8.7	100	21.5	100	19.9	100	20.7	100	20.7	100	21.5	100	19.9	100	20.7	100	20.7
95	LVM	5.1	172.8	4.4	189.2	5	387.5	5	399.1	6	351.8	5	379.5	5	387.5	5	399.1	6	351.8	5	379.5

	B	C	D	E	F	G
1	<b>Process Information</b>					
2						
3	<b>3027C1 Trial burn</b>			R1	R2	R3
4						
5	Firebox Temp A	°F		1638	1633	1629
6	Firebox Temp B	°F		1744	1745	1744
7	Firebox Temp C	°F		1752	1753	1756
8	Blowdown	gpm		66.11	64.51	67.85
9						
10	<b>3027C2 Trial burn</b>			R1	R2	R3
11						
12	Firebox Temp A	°F		1987	1988	2010
13	Firebox Temp B	°F		2100	2101	2125
14	Firebox Temp C	°F		2115	2116	2140
15	Blowdown	gpm		58.66	56.22	55.13