	B	C
1	**Source Description**	
2		
3	Phase I ID No.	210
4	EPA ID No.	KYD088438817
5	Facility Name	LWD, INC.
6	Facility Location	
7	City	CALVERT CITY
8	State	KY
9	Unit ID Name/No.	UNIT NO. 3
10	Other Sister Facilities	None
11	Combustor Class	COMMERCIAL INCINERATOR
12	Combustor Type	Rotary Kiln
13	Combustor Characteristics	Kiln: 12.5' diameter, 24' long. Afterburner used.
14	Capacity (MMBtu/hr)	
15	Soot Blowing	
16	APCS	SD/FF/PT
17	APCS Characteristics	Spray dryer, fabric filter (teflon coated bags, 45,000 ft2 cloth area, 4.5 A/C), packed tower (Raschig rings, 1800 gpm liquor)
18	Hazardous Wastes	HW SLD/LIQ/SLUDGE
19	Haz Waste Description	
20	Supplemental Fuel	NONE
21		
22	Stack Characteristics	
23	Diameter (ft)	8.0
24	Height (ft)	150.0
25	Gas Velocity (ft/sec)	7.8
26	Gas Temperature (°F)	162.3
27		
28	Permitting Status	
29	HWC Burn Status (Date if Terminated)	

	B	C
1	**Condition Description**	
2		
3	**210C1**	
4		
5	Report Name/Date	Stationary Source Sampling Report, Reference No. 10816, LWD Inc., Calvert City, KY, Unit No. 3, January 1993
6	Report Prepare	Entropy
7	Testing Firm	Entropy
8	Cond Descr	Trial burn
9	Test Dates	Jan 19-21,1993
10	Cond Date	01/01/93
11		
12	**210C2**	
13		
14	Report Name/Date	Stationary Source Sampling Report, Reference No. 12563, LWD, Calvert City, KY, Unit No. 3, January 1994
15	Report Prepare	Entropy
16	Testing Firm	Entropy
17	Cond Descr	Trial burn
18	Test Dates	Jan 1-5, 1994
19	Cond Date	01/01/94

	B	C	D	E	F	G	H	I	J	K	L	M
1	**Stack Gas Emissions 2**											
2												
3	**210C1**					R1		R2		R3		Cond Avg
4												
5	PM		gr/dscf	y		0.0184		0.0051		0.0018		0.0084
6	HC		ppmv	y		8.8		4.9		2.3		
7	HCl		ppmv	y		27.4		13.3		5.7		
8	Cl2		ppmv	y	nd	0.1	nd	0.1	nd	0.1		
9	Total Cl		ppmv	y		27.7		13.5		5.9		15.7
10												
11	1,2-dichlorobenzene	DRE	%			99.9959		99.9998		99.9998		
12	Hexachloroethane	DRE	%			99.9987		99.9997		99.9997		
13												
14	Sampling Train	PM, HCl/Cl2										
15	Stack gas flowrate		dscfm			67308.0		62250.0		64258.0		64605.3
16	Oxygen		%			16.2		15.3		15.0		15.5
17	Moisture		%			26.6		27.5		27.4		27.2
18	Temperature		°F			153.0		154.0		153.0		153.3
19												
20	Sampling Train	SVOC										
21	Stack gas flowrate		dscfm			67360.0		63714.0		66113.0		65729.0
22	Oxygen		%			16.2		15.3		15.0		15.5
23	Moisture		%			24.6		27.0		25.9		25.8
24	Temperature		°F			150.0		153.0		151.0		151.3
25												
26	**210C2**					R1		R2		R3		Cond Avg
27												
28	PM		gr/dscf	y		0.0052		0.0125		0.0027		
29	CO		ppmv	y		0.2		0.8		0.4		
30	HC		ppmv	y		3.1		2.8		1.6		
31	HCl		ppmv	y		53.9		61.3		44.0		
32	Cl2		ppmv	y		0.3		0.8		0.5		
33	Total Cl		ppmv	y		54.5		62.8		45.0		
34												
35	1,2-dichlorobenzene	DRE	%			99.9998		99.9998		99.9998		
36	Hexachloroethane	DRE	%			99.9998		99.9998		99.9998		
37												
38	Sampling Train	PM, HCl/Cl2										
39	Stack gas flowrate		dscfm			47498.0		49225.0		47370.0		48031.0
40	Oxygen		%			13.7		13.6		13.3		13.5
41	Moisture		%									
42	Temperature		°F			163.0		162.0		163.0		162.7
43												
44	Sampling Train	SVOC										
45	Stack gas flowrate		dscfm			47464.0		47828.0		47918.0		47736.7
46	Oxygen		%			13.7		13.6		13.3		13.5
47	Moisture		%									
48	Temperature		°F			162.0		162.0		162.0		162.0