

US EPA ARCHIVE DOCUMENT

Data Summary: Liquid Fuel Boilers, Total Chlorine

	A	B	C	D	E	F	G	H	M	O	P	Q	R	S
2	Source ID	Cond ID	Facility Information		Combustor Information			APCS Detailed Acronym	Hazardous Waste	Munitions Popping Furnace	Chemical Weapons Demil	Mixed Radioactive Waste	Comm vs Onsite	Gov't
3	Number	Number	Facility Name	City	Combustor Category	Combustor Class	Combustor Type							
4														
5														
6	232	232C10	Solutia (Chocolate Bayou Plant)	Alvin	Liquid boiler	Liquid-fired boiler	Liquid-fired	None	Liq	No	No	No	OS	No
7	232	232C11	Solutia (Chocolate Bayou Plant)	Alvin	Liquid boiler	Liquid-fired boiler	Liquid-fired	None	Liq	No	No	No	OS	No
8	724	724C2	Merichem Company	Houston	Liquid boiler	Liquid-fired boiler	Liquid-fired	Q/ME	Liq	No	No	No	OS	No
9	735	735C1	Reilly Industries, Inc.	Indianapolis	Liquid boiler	Liquid-fired boiler	Liquid-fired	None	Liq	No	No	No	OS	No
10	735	735C3	Reilly Industries, Inc.	Indianapolis	Liquid boiler	Liquid-fired boiler								
11	737	737C1	Reilly Industries, Inc.	Indianapolis	Liquid boiler	Liquid-fired boiler	Liquid-fired	None	Liq	No	No	No	OS	No
12	737	737C3	Reilly Industries, Inc.	Indianapolis	Liquid boiler	Liquid-fired boiler								
13	738	738C1	Reilly Industries, Inc.	Indianapolis	Liquid boiler	Liquid-fired boiler	Liquid-fired	None	Liq	No	No	No	OS	No
14	756	756C11	DSM Copolymer Inc.	Addis	Liquid boiler	Liquid-fired boiler	Liquid-fired	None	Liq	No	No	No	OS	No
15	759	759C4	E.I. duPont de Nemours & Co., Inc.	Orange	Liquid boiler	Liquid-fired boiler	Liquid-fired		Liq	No	No	No	OS	No
16	759	759C5	E.I. duPont de Nemours & Co., Inc.	Orange	Liquid boiler	Liquid-fired boiler	Liquid-fired		Liq	No	No	No	OS	No
17	760	760C3	E.I. duPont de Nemours & Co., Inc.	Orange	Liquid boiler	Liquid-fired boiler	Liquid-fired	None	Liq	No	No	No	OS	No
18	761	761C4	E.I. duPont de Nemours & Co., Inc.	Orange	Liquid boiler	Liquid-fired boiler	Liquid-fired	None	Liq	No	No	No	OS	No
19	763	763C1	Albermarle Corp.	Orangeburg	Liquid boiler	Liquid-fired boiler	Liquid-fired	FF	Liq	No	No	No	OS	No
20	767	767C1	Goodyear Tire and Rubber Company	Beaumont	Liquid boiler	Liquid-fired boiler	Liquid-fired	None	Liq	No	No	No	OS	No
21	767	767C2	Goodyear Tire and Rubber Company	Beaumont	Liquid boiler	Liquid-fired boiler	Liquid-fired	None	Liq	No	No	No	OS	No
22	767	767C4	Goodyear Tire and Rubber Company	Beaumont	Liquid boiler	Liquid-fired boiler	Liquid-fired	None	Liq	No	No	No	OS	No
23	774	774C1	Equistar Chemicals, LP - Channelview	Channelview	Liquid boiler	Liquid-fired boiler	Liquid-fired	None	Liq	No	No	No	OS	No
24	776	776C10	Monsanto (Nutrasweet Kelco Co.)	Augusta	Liquid boiler	Liquid-fired boiler	Liquid-fired	QC/WS	Liq	No	No	No	OS	No
25	777	777C10	Monsanto (Nutrasweet Kelco Co.)	Augusta	Liquid boiler	Liquid-fired boiler	Liquid-fired	QC/WS	Liq	No	No	No	OS	No
26	811	811C10	Fina Oil & Chemical Co.	La Porte	Liquid boiler	Liquid-fired boiler	Liquid-fired	VS	Liq	No	No	No	OS	No
27	811	811C11	Fina Oil & Chemical Co.	La Porte	Liquid boiler	Liquid-fired boiler	Liquid-fired	VS	Liq	No	No	No	OS	No
28	812	812C2	Rubicon, Inc	Geismar	Liquid boiler	Liquid-fired boiler	Liquid-fired	Q/WS	Liq	No	No	No	OS	No
29	813	813C2	Rubicon, Inc.	Geismar	Liquid boiler	Liquid-fired boiler	Liquid-fired	FF	Liq	No	No	No	OS	No
30	814	814C2	Rubicon, Inc	Geismar	Liquid boiler	Liquid-fired boiler	Liquid injection,	None	Liq	No	No	No	OS	No
31	815	815C2	Rubicon, Inc	Geismar	Liquid boiler	Liquid-fired boiler	Liquid injection,	None	Liq	No	No	No	OS	No
32	819	819C1	Rhone-Poulenc AG Company	Charleston	Liquid boiler	Liquid-fired boiler	Liquid-fired	ESP	Liq	No	No	No	OS	No
33	822	822C2	Exxon Chemical Co.	Baton Rouge	Liquid boiler	Liquid-fired boiler	Liquid-fired	None	Liq	No	No	No	OS	No
34	828	828C1	Angus Chemical Company	Sterlington	Liquid boiler	Liquid-fired boiler	Liquid-fired	None	Liq	No	No	No	OS	No
35	833	833C10	BASF Corporation	Freeport	Liquid boiler	Liquid-fired boiler	Liquid-fired	None	Liq	No	No	No	OS	No
36	833	833C11	BASF Corporation	Freeport	Liquid boiler	Liquid-fired boiler	Liquid-fired	None	Liq	No	No	No	OS	No
37	834	834C10	BASF	Geismar	Liquid boiler	Liquid-fired boiler	Liquid-fired	None	Liq	No	No	No	OS	No
38	834	834C11	BASF	Geismar	Liquid boiler	Liquid-fired boiler	Liquid-fired	None	Liq	No	No	No	OS	No
39	835	835C10	BASF	Geismar	Liquid boiler	Liquid-fired boiler	Liquid-fired	None	Liq	No	No	No	OS	No
40	835	835C11	BASF	Geismar	Liquid boiler	Liquid-fired boiler	Liquid-fired	None	Liq	No	No	No	OS	No
41	835	835C12	BASF	Geismar	Liquid boiler	Liquid-fired boiler	Liquid-fired	None	Liq	No	No	No	OS	No
42	836	836C10	BASF	Geismar	Liquid boiler	Liquid-fired boiler	Liquid-Fired	None	Liq	No	No	No	OS	No
43	836	836C11	BASF	Geismar	Liquid boiler	Liquid-fired boiler	Liquid-Fired	None	Liq	No	No	No	OS	No
44	836	836C12	BASF	Geismar	Liquid boiler	Liquid-fired boiler	Liquid-Fired	None	Liq	No	No	No	OS	No
45	836	836C13	BASF	Geismar	Liquid boiler	Liquid-fired boiler	Liquid-Fired	None	Liq	No	No	No	OS	No
46	840	840C4	Bayer (Monsanto Co. Port Plastic Pla	Addyston	Liquid boiler	Liquid-fired boiler	Liquid-fired	None	Liq	No	No	No	OS	No
47	901	901C1	Diversified Scientific Services, Inc.	Kingston	Liquid boiler	Liquid-fired boiler,	Liquid-fired	SD/FF/PBS/RH/HEPA	Liq	No	No	Yes	Comm	No
48	901	901C2	Diversified Scientific Services, Inc.	Kingston	Liquid boiler	Liquid-fired boiler,	Liquid-fired	SD/FF/PBS/RH/HEPA	Liq	No	No	Yes	Comm	No
49	911	911C11	Sunoco Inc. (R&M) Haverhill Plant	Haverhill	Liquid boiler	Liquid-fired boiler	Liquid-fired	None	Liq	No	No	No	OS	No
50	911	911C1	Aristech Chemical Corporation	Haverhill	Liquid boiler	Liquid-fired boiler								
51	911	911C2	Aristech Chemical Corporation	Haverhill	Liquid boiler	Liquid-fired boiler								
52	911	911C3	Aristech Chemical Corporation	Haverhill	Liquid boiler	Liquid-fired boiler								
53	911	911C4	Aristech Chemical Corporation	Haverhill	Liquid boiler	Liquid-fired boiler								
54	912	912C1	Sunoco Inc. (R&M) Haverhill Plant	Haverhill	Liquid boiler	Liquid-fired boiler	Liquid-fired	None	Liq	No	No	No	OS	No
55	1005	1005C1	Huntsman Corp. (formerly Texaco)	Port Neches	Liquid boiler	Liquid-fired boiler	Liquid injection	None	Liq	No	No	No	OS	No
56	1007	1007C1	Huntsman Polymers	Odessa	Liquid boiler	Liquid-fired boiler	Liquid injection	None	Liq	No	No	No	OS	No
57	1016	1016C1	BASF Corporation	Beaumont	Liquid boiler	Liquid-fired boiler	Liquid-fired	WS	Liq	No	No	No	OS	No
58	1017	1017C4	Sunoco Inc. (R&M) Pasadena Plant	Pasadena	Liquid boiler	Liquid-fired boiler	Liquid-fired	None	Liq	No	No	No	OS	No
59	1017	1017C1			Liquid boiler	Liquid-fired boiler								
60	1017	1017C2			Liquid boiler	Liquid-fired boiler								
61	1017	1017C3			Liquid boiler	Liquid-fired boiler								

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	B	T	U		V	Y	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	BC	BD	BE	BF	BG	BH	
2	Cond ID	Condition Information				CI		SB	CI Emissions			Total Chlorine Stack Gas Emissions (ppmv)													
3	Number	Cond Dates	Cond Description	Spiking	Tier	Run	Number	Camp	Rating	Rating Comments	R1		R2		R3		R4		R SB	Cond Avg			No SB		
4								No			ND	Emiss	ND	Emiss	ND	Emiss	ND	Emiss	ND	Emiss	ND	Emiss	ND	Emiss	
5																									
6	232C10	9/1/1997	Trial burn; low temp "worst-case" organic d	N		1 No			1 N				0.1		0.0		0.1						0.1		0.1
7	232C11	9/1/1997	Trial burn; max waste feed, max prod rate	N		1 No			1 N				0.1		0.0		0.0						0.0		0.0
8	724C2	7/1/1996	CoC; max waste feed (spiked ash, chlorine)	Y		1 No			1 CT	Chlorine spiked for chlorine fe		12.1		9.0		2.7							7.9		7.9
9	735C1	6/1/1996	CoC; max waste feed		Y	3 R1			2 CT					78.3		81.0			71.9				77.1		79.6
10	735C3					No					100	0.7	100	0.6	100					100			0.7		
11	737C1	6/1/1996	CoC, high feed rate		Y	3 R2, R4			2 CT				1.4				0.04			4.1			1.8		0.7
12	737C3					No							0.8		1.2		1.0						1.0		
13	738C1	6/1/1996	CoC, high feed rate		Y	3 R3			1 CT		100	0.1	100		0.1					0.1	100		0.1	100	0.1
14	756C11	5/1/1996	CoC; max waste feed and steam prod		N	1 No			1 N		100	0.2	100	0.2	100		0.2						0.2		0.2
15	759C4	12/1/1998	Trial burn; DRE		L	3 No			1 CT	Assume Tier 3		130.3		120.3		115.0							121.6		121.6
16	759C5	7/1/1998	Trial burn; DRE		L	3 No			1 IB	Assume Tier 3		110.3		114.2		109.8							111.4		111.0
17	760C3	6/30/1994	Trial burn; DRE		U	No			1 CT	Assume Tier 3		95.1		89.0		100.9							95.0		95.0
18	761C4	12/1/1998	Trial burn; DRE		U	No			1 CT	Assume Tier 3		121.6		119.2		122.3							121.1		121.1
19	763C1	8/1/1999	CoC; near max waste load		Y	3 No			1 CT			854.9		1,003.0		892.4							916.8		916.8
20	767C1	7/1/1995	CoC; max waste feedrate and steam prod r	Y		3 R3			1 CT			12.2		12.8						13.1			12.7		12.5
21	767C2	7/1/1995	CoC; less aggressive max waste feed and i	Y		3 R3			1 IB			12.3		14.0						10.9			12.4		13.2
22	767C4	7/1/1995	CoC; similar to C1 but higher prod rate, low	Y		3 R3			1 IB			13.0		8.0						6.9			9.3		10.5
23	774C1	9/1/1998	CoC; max feeds for T-303 bottoms and IPC	N		1 R3			1 NA	Cl2 chlorine gas only no HCl		1.6		2.4						2.0			2.0		2.0
24	776C10	6/1/1997	CoC; max feedrate		Y	3 No			1 CT			2.1		2.9		2.0							2.4		2.4
25	777C10	6/1/1997	CoC; max feedrate		Y	3 No			1 CT			4.4		4.1		4.2							4.2		4.2
26	811C10	12/1/1998	CoC; max feedrate		Y	3 R3			1 IB			3.6		3.9						3.6			3.7		3.7
27	811C11	12/1/1998	CoC; min venturi dP		Y	3 R3			1 CT			3.8		3.6						4.5			4.0		3.7
28	812C2	7/1/1997	Trial burn, risk burn; max feed rate		Y	3 No			1 CT			1.5		3.9		4.0							3.1		3.1
29	813C2	8/1/1997		N		1 R3			1 N			83.9		148.4						131.3			121.2		116.2
30	814C2	6/1/1997	Trial burn, risk burn; max feed rate		N	1 No			1 N			1.2		1.3		1.0							1.2		1.2
31	815C2	6/1/1997		N		1 No			1 N			0.6		3.8		0.7							1.7		1.7
32	819C1	3/1/1998	CoC; high haz waste feed rate		Y	3 R2			1 CT			72.8				66.7				70.4			68.0		69.8
33	822C2	7/1/1997	Risk burn, max waste feed		N	No			1 N			0.6		0.1		0.1							0.3		0.3
34	828C1	4/1/1997	Risk burn -- normal conditions		N	No			1 N			0.1		0.1		0.1							0.1		0.1
35	833C10	5/1/1998	Trial burn; Wastewater and HDO Heavies	U		1 No			1 N			3.0		9.3		15.6							9.3		9.3
36	833C11	5/1/1998	Trial burn; HDO Heavies Waste Feeds		U	1 No			1 N			10.7		14.9		17.8							14.5		14.5
37	834C10	3/1/1997	Trial burn		N	1 No			1 N			0.0		0.0		0.0							0.0		0.0
38	834C11	3/1/1997	Risk burn, worst case op cond (max temp, i	N		No			1 N			0.0		0.0		0.0							0.0		0.0
39	835C10	2/1/1997	Trial Burn		N	1 No			1 N			0.0		0.0		0.0							0.0		0.0
40	835C11	2/1/1997	Trial Burn		N	1 No			1 N			0.0		0.0		0.0							0.0		0.0
41	835C12	11/1/1997	Trial Burn		N	1 No			1 N			0.2		0.3		0.1							0.2		0.2
42	836C10	2/1/1997	Trial Burn		N	1 No			1 N			0.0		0.0		0.0							0.0		0.0
43	836C11	2/1/1997	Trial Burn		N	1 No			1 N			0.0		0.0		0.0							0.0		0.0
44	836C12	11/1/1997	Trial Burn		N	1 No			1 N			0.0		0.0		0.0							0.0		0.0
45	836C13	2/1/1997	Risk burn; worst case (max temp., feedrate	N		No			1 N			0.0		0.0		0.0							0.0		0.0
46	840C4	10/1/1997	CoC; max feed Bldg. 9 spent monomer and	N		1 No			1 N			0.4		0.3		0.4							0.4		0.4
47	901C1	2/1/1996	CoC, max feed, flow, and prod rate, max te	Y		3 No			1 CT			0.5		1.1		2.5							1.4		1.4
48	901C2	2/1/1996	CoC, max feed and flowrate, min pressure	Y		3 No			1 IB			0.8		0.9		2.4							1.3		1.3
49	911C11	11/1/2001	CoC; HHC waste fuel high range			No			1 CT				111.8		117.1		114.3						114.4		114.4
50	911C1					No					100	0.2	100	0.2	100		0.2				100		0.2	100	0.2
51	911C2					No						7.0		7.3		7.3							7.2		7.2
52	911C3					No						9.6		8.3		8.3							9.0		8.8
53	911C4					No						11.2		12.0		10.6							11.1		11.3
54	912C1	5/1/1995	CoC; LHC waste fuel		Y	1 R3			1 CT			8.8		9.6							9.5		9.3		9.2
55	1005C1	10/1/1995	CoC; max feedrates		N	1 R3			1 N		100	0.1	100	0.1					100	0.0	100		0.1	100	0.1
56	1007C1	10/1/1998	CoC; maximum feedrate		N	1 No			1 N			0.4		0.3		0.4							0.4		0.4
57	1016C1	9/1/1998	Trial Burn/Risk Burn		N	1 No			1 N			0.6		0.5		0.5							0.5		0.5
58	1017C4	3/1/2000	Risk burn, normal operations		N	1 No			0 N			0.7		0.7		0.8							0.7		0.7
59	1017C1					No						0.1		0.1									0.1		
60	1017C2					No						0.1		0.2									0.1		
61	1017C3					No						0.1		0.1									0.1		

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	B	BI	BJ	BK	BL	BM	BN	BO	BP	BQ	CR	CC	CE	CF	CG	CH	CI	CJ	CK	CL	CM	CN	CY	CZ	DA	DB	DC
2	Cond ID	CI SRE			CI SRE (%)							CI SRE Used for Ranking Purposes (%)															
3	Number	Campaign Number	Rating	Comments	R1	R2	R3	R SB	Cond Avg	No SB Runs	R1	R2	R3	R SB	Cond Avg	No SB Runs											
4																											
5																											
6	232C10																										
7	232C11																										
8	724C2																										
9	735C1	1 CT		CI not controlled, SRE set to 0		38.844	31.334	46.052	39.042	35.1		0.0	0.0	0.0	0.0	0.0											
10	735C3																										
11	737C1	1 CT		CI not controlled, SRE set to 0	95.530		99.898	91.837	95.378	97.7	0.0		0.0	0.0	0.0	0.0											
12	737C3																										
13	738C1	1 CT		CI not controlled, SRE set to 0	99.710	99.567		99.724	99.646	99.6	0.0	0.0		0.0	0.0	0.0											
14	756C11	1 NA		Normal, CI not controlled, SRE set to 0	97.445	97.588	97.548		97.527	97.527	0.0	0.0	0.0		0.0	0.0											
15	759C4																										
16	759C5																										
17	760C3																										
18	761C4																										
19	763C1	1 CT		CI not controlled, SRE set to 0	-20.089	-24.165	-19.865		-21.469	-21.469	0.0	0.0	0.0		0.0	0.0											
20	767C1	1 CT		CI not controlled, SRE set to 0	87.016	85.348		85.438	85.955	86.2	0.0	0.0		0.0	0.0	0.0											
21	767C2	1 IB		CI not controlled, SRE set to 0	80.837	77.188		82.429	80.166	79.0	0.0	0.0		0.0	0.0	0.0											
22	767C4	1 IB		CI not controlled, SRE set to 0	81.477	85.691		89.402	85.399	83.6	0.0	0.0		0.0	0.0	0.0											
23	774C1	1 CT		CI not controlled, SRE set to 0	-1.068	-1.066		-1.066	-1.065	-1.1	0.0	0.0		0.0	0.0	0.0											
24	776C10	1 CT			99.611	99.431			99.560	99.560	99.611	99.431			99.560	99.560											
25	777C10	1 CT			99.510	99.537	99.542		99.529	99.529	99.510	99.537	99.542		99.529	99.529											
26	811C10	1 IB			99.090	99.074		99.125	99.096	99.1	99.090	99.074		99.125	99.096	99.1											
27	811C11	1 CT			99.577	99.569		99.486	99.544	99.6	99.577	99.569		99.486	99.544	99.6											
28	812C2	1 CT			99.981	99.944	99.943		99.957	99.957	99.981	99.944	99.943		99.957	99.957											
29	813C2																										
30	814C2																										
31	815C2																										
32	819C1	1 CT		CI not controlled, SRE set to 0	9.378		8.681	-2.141	8.627	9.0	0.0		0.0	0.0	0.0	0.0											
33	822C2																										
34	828C1	1 NA		Normal, CI not controlled, SRE set to 0	71.350	87.216	74.203		79.922	79.922	0.0	0.0	0.0		0.0	0.0											
35	833C10																										
36	833C11																										
37	834C10																										
38	834C11	1 NA		Normal, CI not controlled, SRE set to 0	98.411	97.532		>	95.217 >	95.217	0.0	0.0		0.0	0.0	0.0											
39	835C10																										
40	835C11																										
41	835C12	1 NA		Normal, CI not controlled, SRE set to 0	-1667.081	-52.483	57.680		-75.720	-75.720	0.0	0.0	0.0		0.0	0.0											
42	836C10	1 NA		Normal, CI not controlled, SRE set to 0	89.342	92.294		>	86.589 >	86.589	0.0	0.0		0.0	0.0	0.0											
43	836C11																										
44	836C12																										
45	836C13	1 NA		Normal, CI not controlled, SRE set to 0		23.759	65.865	>	41.293 >	41.293		0.0	0.0		0.0	0.0											
46	840C4	1 NA		Normal, CI not controlled, SRE set to 0	91.902			>	76.558 >	76.558	0.0			0.0	0.0	0.0											
47	901C1	1 CT			99.959	99.899	99.762		99.873	99.873	99.959	99.899	99.762		99.873	99.873											
48	901C2	1 IB			99.983	99.981	99.952		99.972	99.972	99.983	99.981	99.952		99.972	99.972											
49	911C11																										
50	911C1								88.399																		
51	911C2																										
52	911C3																										
53	911C4																										
54	912C1	1 CT		CI not controlled, SRE set to 0	39.485	56.092		49.893	49.766	47.8	0.0	0.0		0.0	0.0	0.0											
55	1005C1																										
56	1007C1																										
57	1016C1																										
58	1017C4																										
59	1017C1																										
60	1017C2																										
61	1017C3																										

Data Summary: Liquid Fuel Boilers, Total Chlorine

	B	DD	DE	DH	DI	DJ	DK	DL	DM	DN	DO	DP	DQ	DR	DS	DT	DU	EF	EG	EH	EI
2	Cond ID	Chlorine Feedrate Cond Avg ug/dscm				Chlorine Feedrate Total (ug/dscm)															
3	Number	HW	Spike	MF	Total	ND	R1	ND	R2	ND	R3	ND	R4	ND	R5	ND	R6	ND	R SB	ND	Cond Avg
4																					
5																					
6	232C10	7,115			7,115	100	7,071	100	7,054	100	7,174									100	7,115
7	232C11	18,424			18,516	100	16,784	100	20,560	100	18,202									100	18,516
8	724C2																				
9	735C1	28,803	162,814	21	191,638			0	193,978	0	178,846							0	202,090	0	191,638
10	735C3																				
11	737C1	32,608		9	58,159	0	48,495			0	55,135	0	53,102					0	75,903	0	58,159
12	737C3																				
13	738C1	20,232		11	44,763	0	41,685	0	48,821									0	43,784	0	44,763
14	756C11	10,138			10,138		10,141		10,020		10,252										10,138
15	759C4																				
16	759C5																				
17	760C3																				
18	761C4																				
19	763C1	453	1,147,708		1,144,161		1,079,237		1,224,611		1,128,634										1,144,161
20	767C1		136,915		136,915		142,067		132,266										136,413		136,915
21	767C2		94,829		94,829	0	97,649	0	93,170									0	93,668	0	94,829
22	767C4		96,397		96,397	0	106,601	0	84,291									0	98,299	0	96,397
23	774C1	2,727	225	57	3,010		2,437		3,547										3,044		3,010
24	776C10	172,566	638,972		811,538		832,762		780,977												811,538
25	777C10	172,393	1,191,244		1,363,637		1,358,506		1,327,759		1,405,718										1,363,637
26	811C10	1,377	615,930		617,306		598,655		632,465										620,800		617,306
27	811C11	1,518	1,320,336		1,321,854		1,356,357		1,283,147										1,326,059		1,321,854
28	812C2	3,764,770	7,255,569		11,020,339	0	12,047,886	0	10,538,648	0	10,474,485								0		11,020,339
29	813C2	907			907	100	873	100	939									100	910	100	907
30	814C2	899	45		944	100	985	100	1,005	100	977									100	944
31	815C2	823	753		1,576	100	1,566	100	1,569	100	1,593									100	1,576
32	819C1	12,003	100,795		112,798	0	121,858		0		110,774							0	104,557		112,798
33	822C2	10			10	100	10	100	10	100	10									100	10
34	828C1	478			478	0	370	0	712	0	353									0	478
35	833C10																				
36	833C11																				
37	834C10	61			61	100	61	100	60	100	63									100	61
38	834C11	457			457	0	804	0	509	100	59									4	457
39	835C10	15			15	100	16	100	16	100	15									100	15
40	835C11	12			12	100	23	100	23	100	24									100	12
41	835C12	165			165	0	21	0	269	0	205									0	165
42	836C10	131			131	0	161	0	222	100	10									3	131
43	836C11	11			11	100	12	100	12	100	10									100	11
44	836C12	10			10	100	21	100	21	100	20									100	10
45	836C13	67			67	100	56		45		101									28	67
46	840C4	6,905			20,965	65	20,967	100	20,572	100	21,356									89	20,965
47	901C1		1,662,999		1,662,999		1,689,899		1,695,138		1,603,959										1,662,999
48	901C2		7,259,652		7,259,652		7,299,231		6,917,407		7,562,318										7,259,652
49	911C11																				
50	911C1																				
51	911C2																				
52	911C3																				
53	911C4																				
54	912C1	12,093	15,909		28,002	0	21,934	0	33,287									0	28,790	0	28,002
55	1005C1																				
56	1007C1	3,105	89	92	7,045	100	7,118	100	6,895	100	7,122									100	7,045
57	1016C1																				
58	1017C4	11			11	100	5	100	6	100	23									100	11
59	1017C1																				
60	1017C2																				
61	1017C3																				

Data Summary: Liquid Fuel Boilers, Total Chlorine

	B	EJ	EK	EL	EM	EN	EO	FF	FG	FH	FI	FL	FM	FN	FO	FP	FQ	FR
2	Cond ID	Chlorine Feedrate Hazardous Wastes and Spike (ug/dscm)										Thermal Feed Cond Avg (MMBtu/hr)			Thermal Emissions Rating			
3	Number	R1	R2	R3	R SB	Cond Avg	Misc Fuel	Total	Total Est	Camp No	Rating	Comments						
4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5																		
6	232C10	100	7,071	100	7,054	100	7,174			100	7,100		49.7	569.4	1 N	Normal		0
7	232C11	100	16,784	100	20,560	100	18,202			100	18,516		128.6	560.6	1 N	Normal		0
8	724C2												16.7	70.3	1 CT			0
9	735C1			0	193,978	0	178,846	0	202,090	0	191,638	28.5	83.8	76.6	1 CT			0
10	735C3											22.1	79.1	77.6	1 N	Normal		100
11	737C1	0	48,495			0	55,135	0	75,903	0	59,844	6.7	39.3	43.3	2 NA	Older data		0
12	737C3											4.7	38.8	39.6	1 N	Normal		0
13	738C1	0	41,685	0	48,821			0	43,784	0	44,763	7.7	39.7	39.8	1 CT			100
14	756C11		10,141		10,020		10,252				10,138	190.0	203.2	257.9	1 N	Normal		100
15	759C4																	
16	759C5																	
17	760C3													174.8				
18	761C4																	
19	763C1		1,079,237		1,224,611				1,128,634		1,144,160		20.3	24.8	1 CT			
20	767C1		142,067		132,266				136,413		136,915	18.3	102.9	102.1	1 CT			
21	767C2	0	97,649	0	93,170			0	93,668	0	94,829	0.0	79.3	180.0	1 IB			
22	767C4	0	106,601	0	84,291			0	98,299	0	96,397	44.8	137.7	186.7	1 IB			
23	774C1		2,437		3,547				3,044		3,009	153.0		228.7	1 NA	Cl2 gas only no HCl		
24	776C10		832,762		780,977						806,870		64.1	78.5	1 CT			
25	777C10		1,358,506		1,327,759		1,405,718				1,363,994		24.5	33.6	1 CT			
26	811C10		598,655		632,465				620,800		617,306		40.0	67.6	1 IB			
27	811C11		1,356,357		1,283,147				1,326,059		1,321,854		23.1	31.6	1 CT			
28	812C2	0	12,047,886	0	10,538,648	0	10,474,485			0	11,020,339		28.8	30.2	1 CT			
29	813C2	100	873	100	939			100	910	100	907							
30	814C2	100	985	100	1,005	100	977			100	989	4.5	23.9	19.7	1			
31	815C2	100	1,566	100	1,569	100	1,593			100	1,576	6.6	24.9	21.1	1			
32	819C1	0	121,858			0	110,774	0	104,557	0	112,397	43.9	121.0	132.7	1 CT			
33	822C2	100	10	100	10	100	10			100	10		44.2	44.1	1			
34	828C1	0	370	0	712	0	353			0	478		21.7	61.4	1 N	Normal		
35	833C10													47.1				
36	833C11																	
37	834C10	100	61	100	60	100	63			100	61		9.3	11.7				
38	834C11	0	804	0	509	100	59			33	457		11.7	11.8	1 N	Normal		
39	835C10	100	16	100	16	100	15			100	15		73.2	156.8	1			
40	835C11	100	23	100	23	100	24			100	23		43.4	123.7	1			
41	835C12	0	21	0	269	0	205			0	165		79.3	210.6	1 N	Normal		
42	836C10	0	161	0	222	100	10			33	131		36.3	246.4	1 N	Normal		
43	836C11	100	12	100	12	100	10			100	11		43.9	286.8	1			
44	836C12	100	21	100	21	100	20			100	20		38.3	133.8	1			
45	836C13	100	56		45		101			100	67		36.7	250.0	1 N	Normal		
46	840C4	65	20,967	100	20,572	100	21,356			88	20,965		20.7	44.1	1 N	Normal		
47	901C1		1,689,899		1,695,138		1,603,959				1,662,999	2.8	16.5	16.7	1 CT			
48	901C2		7,299,231		6,917,407		7,562,318				7,259,652	1.7	4.4	3.7	1 IB			
49	911C11													171.3				
50	911C1											117.1	156.8	179.0	1 IB			100
51	911C2											106.9	168.1	176.2	1 CT			
52	911C3											90.1	177.1	179.0	1 IB			
53	911C4											23.7	187.4	174.2	1 IB			
54	912C1	0	21,934	0	33,287			0	28,790	0	28,003	31.7	166.4	181.3	1 CT			
55	1005C1																	
56	1007C1	100	7,118	100	6,895	100	7,122			100	7,045		40.0	193.2	1 N	Normal		
57	1016C1																	
58	1017C4	100	5	100	6	100	23			100	11		21.7	54.8	2 N	Normal		
59	1017C1												41.8	81.9	1 N	Normal		
60	1017C2												45.3	84.6	1 N	Normal		
61	1017C3												25.3	84.0	1 N	Normal		

Data Summary: Liquid Fuel Boilers, Total Chlorine

	B	FS	FT	FU	FV	FW	GD	GE	GF	GG	GH	GI	GJ	GK	GL	GM	GU	GV	GW		
2	Cond ID	Chlorine HW Thermal Emiss (lb/10 ⁹ Btu)										Chlorine in HW (lb/MMBtu)									
3	Number	R1		R2		R3		R SB		Cond Avg		R1		R2		R3		R SB		Cond Avg	
4																					
5																					
6	232C10	1.8	0	0.6	0	0.9				1.1	100	0.07	100	0.07	100	0.07		100		0.07	
7	232C11	0.3	0	0.0	0	0.1				0.1	100	0.07	100	0.07	100	0.07		100		0.07	
8	724C2	61.9	0	49.9	0	14.5				42.4											
9	735C1		0	138.2	0	143.2		127.2		136.2				0.23		0.21		0.24		0.22	
10	735C3	1.1	100	1.1	100	1.3		100		1.2		0.01		0.01		0.01				0.01	
11	737C1	1.0	0		0	0.0		5.0		2.0		0.02		0.02		0.03		0.06		0.04	
12	737C3	1.2	0	1.8	0	1.5				1.5		0.00		0.00		0.00				0.00	
13	738C1	0.1	100	0.1	0			0.1		0.1		0.02		0.02				0.02		0.02	
14	756C11	4.3	100	4.0	100	4.1				4.1		0.17		0.17		0.17				0.17	
15	759C4																				
16	759C5																				
17	760C3																				
18	761C4																				
19	763C1	1,388.2		1,470.2		1,419.3				1,425.9		1.16		1.18		1.18				1.18	
20	767C1	17.9		17.5				24.7		20.0		0.14		0.12				0.17		0.14	
21	767C2	37.6		40.2				31.7		36.5		0.20		0.18				0.18		0.12	
22	767C4	33.5		19.5				18.3		23.8		0.18		0.14				0.17		0.11	
23	774C1	6.3		7.6				6.6		6.8		0.01		0.01				0.01		0.01	
24	776C10	3.3		4.5						3.9		0.84		0.80						0.86	
25	777C10	7.1		7.8		7.2				7.4		1.45		1.69		1.56				1.56	
26	811C10	8.0		8.0				7.8		7.9		0.88		0.86				0.89		0.82	
27	811C11	6.6		6.4				7.8		6.9		1.56		1.49				1.52		1.37	
28	812C2	2.1		5.2		5.3				4.2		11.02		9.31		9.20				9.83	
29	813C2																	100			
30	814C2	1.6		1.6		1.3				1.5	100	0.00	100	0.00	100	0.00		100		0.00	
31	815C2	1.0		6.1		1.0				2.6	100	0.00	100	0.00	100	0.00		100		0.00	
32	819C1	146.1				146.5		165.4		152.7		0.16				0.16		0.16		0.16	
33	822C2	0.8		0.1		0.1				0.3	100	0.00	100	0.00	100	0.00		100		0.00	
34	828C1	0.3		0.2		0.2				0.2		0.00		0.00		0.00				0.00	
35	833C10																				
36	833C11																				
37	834C10										100	0.00	100	0.00	100	0.00		100		0.00	
38	834C11	0.0		0.0						0.0		0.00		0.00	100	0.00		33		0.00	
39	835C10	0.1		0.1		0.1				0.1	100	0.00	100	0.00	100	0.00		100		0.00	
40	835C11	0.1		0.1		0.1				0.1	100	0.00	100	0.00	100	0.00		100		0.00	
41	835C12	0.8		0.9		0.2				0.6		0.00		0.00		0.00				0.00	
42	836C10	0.1		0.1						0.1		0.00		0.00	100	0.00		33		0.00	
43	836C11	0.1		0.2		0.1				0.1	100	0.00	100	0.00	100	0.00		100		0.00	
44	836C12	0.0		0.1		0.0				0.1	100	0.00	100	0.00	100	0.00		100		0.00	
45	836C13			0.2		0.2				0.2	100	0		0.00	0	0.00		100		0.00	
46	840C4	1.1									65	0.01	100	0.01	100	0.01		88		0.01	
47	901C1									2.1										1.67	
48	901C2									2.4										8.76	
49	911C11																				
50	911C1	1.4	100	1.2	100	1.3				1.3		0.02		0.01		0.01				0.01	
51	911C2	25.2		26.1		27.3				26.2		0.04		0.04		0.03				0.04	
52	911C3	26.0		22.1		20.6				22.9		0.04		0.03		0.03				0.03	
53	911C4	14.6		15.9		14.6				15.0		0.04		0.03		0.04				0.04	
54	912C1	15.2		16.5						16.0		0.03		0.04				0.03		0.03	
55	1005C1																				
56	1007C1	2.6		2.0		2.3				2.3	100	0.01	100	0.01	100	0.01		100		0.01	
57	1016C1																				
58	1017C4	2.4		2.1		2.4				2.3	100	0.00	100	0.00	100	0.00		100		0.00	
59	1017C1	0.2		0.2		0.5				0.3		0.01		0.01		0.01				0.01	
60	1017C2	0.3		0.5		0.2				0.3		0.01		0.01		0.01				0.01	
61	1017C3	0.3		0.4		0.3				0.3		0.01		0.01		0.01				0.01	

Data Summary: Liquid Fuel Boilers, Total Chlorine

	A	B	C	D	E	F	G	H	M	O	P	Q	R	S
2	Source ID	Cond ID	Facility Information		Combustor Information			APCS Detailed Acronym	Hazardous Waste	Munitions Popping Furnace	Chemical Weapons Demil	Mixed Radioactive Waste	Comm vs Onsite	Gov't
3	Number	Number	Facility Name	City	Combustor Category	Combustor Class	Combustor Type							
4														
5														
62	2000	2000C4	Georgia Gulf Chemicals and Vinyls, L	Plaquemine	Liquid boiler	Liquid-fired boiler	Liquid-fired	None	Liq, tar	No	No	No	OS	No
63	2000	2000C1	Georgia Gulf Chemicals and Vinyls, L	Plaquemine	Liquid boiler	Liquid-fired boiler	Liquid-fired	None	Liq, tar	No	No	No	OS	No
64	2001	2001C1	Dow Chemical Co.	Plaquemine	Liquid boiler	Liquid-fired boiler	Liquid-fired	HCl/ABS/CWS	Liq	No	No	No	OS	No
65	2001	2001C2	Dow Chemical Co.	Plaquemine	Liquid boiler	Liquid-fired boiler	Liquid-fired	HCl/ABS/CWS	Liq	No	No	No	OS	No
66	2001	2001C3	Dow Chemical Co.	Plaquemine	Liquid boiler	Liquid-fired boiler	Liquid-fired	HCl/ABS/CWS	Liq	No	No	No	OS	No
67	2001	2001C4	Dow Chemical Co.	Plaquemine	Liquid boiler	Liquid-fired boiler	Liquid-fired	HCl/ABS/CWS	Liq	No	No	No	OS	No
68	2002	2002C1	Dow Chemical Co.	Plaquemine	Liquid boiler	Liquid-fired boiler	Liquid-fired	Q/HClABS/CWS	Liq	No	No	No	OS	No
69	2002	2002C2	Dow Chemical Co.	Plaquemine	Liquid boiler	Liquid-fired boiler	Liquid-fired	Q/HClABS/CWS	Liq	No	No	No	OS	No
70	2002	2002C3	Dow Chemical Co.	Plaquemine	Liquid boiler	Liquid-fired boiler	Liquid-fired	Q/HClABS/CWS	Liq	No	No	No	OS	No
71	2003	2003C1	Dow Chemical Co.	Plaquemine	Liquid boiler	Liquid-fired boiler	Liquid-fired	Q/HClABS/CWS	Liq	No	No	No	OS	No
72	2003	2003C2	Dow Chemical Co.	Plaquemine	Liquid boiler	Liquid-fired boiler	Liquid-fired	Q/HClABS/CWS	Liq	No	No	No	OS	No
73	2003	2003C3	Dow Chemical Co.	Plaquemine	Liquid boiler	Liquid-fired boiler	Liquid-fired	Q/HClABS/CWS	Liq	No	No	No	OS	No
74	2008	2008C1	Sunoco Inc. (R & M) Frankford Plant	Philadelphia	Liquid boiler	Liquid-fired boiler	Liquid-fired	None	Liq	No	No	No	OS	No
75	2012	2012C2	E.I. Du Pont Nemours & Company, In	Victoria	Liquid boiler	Liquid-fired boiler	Liquid-fired		Liq	No	No	No	OS	No
76	2013	2013C4	E.I. Du Pont De Nemours & Company	Victoria	Liquid boiler	Liquid-fired boiler	Liquid-fired		Liq	No	No	No	OS	No
77	2016	2016C2	E.I. Du Pont De Nemours & Company	Victoria	Liquid boiler	Liquid-fired boiler	Liquid-fired		Liq	No	No	No	OS	No
78	2021	2021C1	Union Carbide Coporation	Texas City	Liquid boiler	Liquid-fired boiler	Liquid-fired	None	Liquid wastes	No	No	No	OS	No
79	1005A	1005C1	Huntsman Corp. (formerly Texaco)	Port Neches	Liquid boiler	Liquid-fired boiler	Liquid injection	None	Liq	No	No	No	OS	No
80	2001A	2001C1	Dow Chemical Co.	Plaquemine	Liquid boiler	Liquid-fired boiler	Liquid-fired	HCl/ABS/CWS	Liq	No	No	No	OS	No
81	2001A	2001C2	Dow Chemical Co.	Plaquemine	Liquid boiler	Liquid-fired boiler	Liquid-fired	HCl/ABS/CWS	Liq	No	No	No	OS	No
82	2001A	2001C3	Dow Chemical Co.	Plaquemine	Liquid boiler	Liquid-fired boiler	Liquid-fired	HCl/ABS/CWS	Liq	No	No	No	OS	No
83	2001A	2001C4	Dow Chemical Co.	Plaquemine	Liquid boiler	Liquid-fired boiler	Liquid-fired	HCl/ABS/CWS	Liq	No	No	No	OS	No
84	2008A	2008C1	Sun Company, Inc. (R & M) Frankford	Philadelphia	Liquid boiler	Liquid-fired boiler	Liquid-fired	None	Liq	No	No	No	OS	No
85	2012A	2012C2	E.I. Du Pont Nemours & Company, In	Victoria	Liquid boiler	Liquid-fired boiler	Liquid-fired	?	Liq	No	No	No	OS	No
86	232A	232C10	Solutia (Chocolate Bayou Plant)	Alvin	Liquid boiler	Liquid-fired boiler	Liquid-fired	None	Liq	No	No	No	OS	No
87	232A	232C11	Solutia (Chocolate Bayou Plant)	Alvin	Liquid boiler	Liquid-fired boiler	Liquid-fired	None	Liq	No	No	No	OS	No
88	759A	759C4	E.I. duPont de Nemours & Co., Inc.	Orange	Liquid boiler	Liquid-fired boiler	Liquid-fired		Liq	No	No	No	OS	No
89	759A	759C5	E.I. duPont de Nemours & Co., Inc.	Orange	Liquid boiler	Liquid-fired boiler	Liquid-fired		Liq	No	No	No	OS	No
90	761A	761C4	E.I. duPont de Nemours & Co., Inc.	Orange	Liquid boiler	Liquid-fired boiler	Liquid-fired	None	Liq	No	No	No	OS	No
91	767A	767C1	Goodyear Tire and Rubber Company	Beaumont	Liquid boiler	Liquid-fired boiler	Liquid-fired	None	Liq	No	No	No	OS	No
92	767A	767C2	Goodyear Tire and Rubber Company	Beaumont	Liquid boiler	Liquid-fired boiler	Liquid-fired	None	Liq	No	No	No	OS	No
93	767A	767C4	Goodyear Tire and Rubber Company	Beaumont	Liquid boiler	Liquid-fired boiler	Liquid-fired	None	Liq	No	No	No	OS	No
94	767B	767C1	Goodyear Tire and Rubber Company	Beaumont	Liquid boiler	Liquid-fired boiler	Liquid-fired	None	Liq	No	No	No	OS	No
95	767B	767C2	Goodyear Tire and Rubber Company	Beaumont	Liquid boiler	Liquid-fired boiler	Liquid-fired	None	Liq	No	No	No	OS	No
96	767B	767C4	Goodyear Tire and Rubber Company	Beaumont	Liquid boiler	Liquid-fired boiler	Liquid-fired	None	Liq	No	No	No	OS	No
97	767C	767C1	Goodyear Tire and Rubber Company	Beaumont	Liquid boiler	Liquid-fired boiler	Liquid-fired	None	Liq	No	No	No	OS	No
98	767C	767C2	Goodyear Tire and Rubber Company	Beaumont	Liquid boiler	Liquid-fired boiler	Liquid-fired	None	Liq	No	No	No	OS	No
99	767C	767C4	Goodyear Tire and Rubber Company	Beaumont	Liquid boiler	Liquid-fired boiler	Liquid-fired	None	Liq	No	No	No	OS	No
100	767D	767C1	Goodyear Tire and Rubber Company	Beaumont	Liquid boiler	Liquid-fired boiler	Liquid-fired	None	Liq	No	No	No	OS	No
101	767D	767C2	Goodyear Tire and Rubber Company	Beaumont	Liquid boiler	Liquid-fired boiler	Liquid-fired	None	Liq	No	No	No	OS	No
102	767D	767C4	Goodyear Tire and Rubber Company	Beaumont	Liquid boiler	Liquid-fired boiler	Liquid-fired	None	Liq	No	No	No	OS	No
103	774A	774C1	Equistar Chemicals, LP - Channelview	Channelview	Liquid boiler	Liquid-fired boiler	Liquid-fired	None	Liq	No	No	No	OS	No
104	774B	774C1	Equistar Chemicals, LP - Channelview	Channelview	Liquid boiler	Liquid-fired boiler	Liquid-fired	None	Liq	No	No	No	OS	No
105	774C	774C1	Equistar Chemicals, LP - Channelview	Channelview	Liquid boiler	Liquid-fired boiler	Liquid-fired	None	Liq	No	No	No	OS	No
106	811A	811C10	Fina Oil & Chemical Co.	La Porte	Liquid boiler	Liquid-fired boiler	Liquid-fired	VS	Liq	No	No	No	OS	No
107	811A	811C11	Fina Oil & Chemical Co.	La Porte	Liquid boiler	Liquid-fired boiler	Liquid-fired	VS	Liq	No	No	No	OS	No
108	819A	819C1	Rhone-Poulenc AG Company	Charleston	Liquid boiler	Liquid-fired boiler	Liquid-fired	ESP	Liq	No	No	No	OS	No
109	822A	822C2	Exxon Chemical Co.	Baton Rouge	Liquid boiler	Liquid-fired boiler	Liquid-fired	None	Liq	No	No	No	OS	No
110	911A	911C11	Aristech Chemical Corporation	Haverhill	Liquid boiler	Liquid-fired boiler	Liquid-fired	None	Liq	No	No	No	OS	No
111	911A	911C1	Aristech Chemical Corporation	Haverhill	Liquid boiler	Liquid-fired boiler								
112	911A	911C2	Aristech Chemical Corporation	Haverhill	Liquid boiler	Liquid-fired boiler								
113	911A	911C3	Aristech Chemical Corporation	Haverhill	Liquid boiler	Liquid-fired boiler								
114	911A	911C4	Aristech Chemical Corporation	Haverhill	Liquid boiler	Liquid-fired boiler								
115	911B	911C11	Aristech Chemical Corporation	Haverhill	Liquid boiler	Liquid-fired boiler	Liquid-fired	None	Liq	No	No	No	OS	No
116	911B	911C1	Aristech Chemical Corporation	Haverhill	Liquid boiler	Liquid-fired boiler								
117	911B	911C2	Aristech Chemical Corporation	Haverhill	Liquid boiler	Liquid-fired boiler								

Data Summary: Liquid Fuel Boilers, Total Chlorine

	B	T	U		V	Y	AC	AD	AE	AF		AG	AH	AI	AJ	AK	AL	AM	AN	BC	BD	BE	BF	BG	BH
2	Cond ID	Condition Information				Cl		SB	Cl Emissions				Total Chlorine Stack Gas Emissions (ppmv)												
3	Number	Cond	Cond Description		Spiking	Tier	Run	Camp	Rating	Rating Comments		R1		R2		R3		R4		R SB		Cond Avg		No SB	
4		Dates					Number	No				ND	Emiss	ND	Emiss	ND	Emiss	ND	Emiss	ND	Emiss	ND	Emiss	ND	Emiss
5																									
62	2000C4	35674.0	Trial burn, Cr+6 burn, max waste, ash, Cl, c	Y			3.0	No			1.0	CT					0.02								0.0
63	2000C1	35643.0	Trial burn, max waste feed, min comb temp	N				R3			1.0	N					0.04					0.05			0.0
64	2001C1	9/1/1997	Trial burn; not used for permit setting (max	Y			3	No			1	IB					0.5							0.2	0.2
65	2001C2	9/1/1997	Trial burn; min comb chamber temp	Y			3	No			1	IB					0.0							0.0	0.0
66	2001C3	9/1/1997	Risk burn; normal operating conditions	Y			3	No			1	CT					0.5							4.1	4.1
67	2001C4	9/1/1997	Trial burn; max waste feedrates (Cr, ash sp	Y			3	No			1	IB					1.8							1.1	1.1
68	2002C1	8/1/1997	Trial burn; min comb chamber temperature	Y			3	No			1	CT					20.5							7.2	7.2
69	2002C2	8/1/1997	Trial burn; max waste feedrates (Cr, ash sp	Y			3	No			1	IB					3.2							3.0	3.0
70	2002C3	8/1/1997	Risk burn; normal op cond	Y			3	No			1	N					0.6							0.6	0.6
71	2003C1	9/1/1997	Trial burn; max waste feedrates (Cr, ash sp	Y			3	No			1	IB					0.2							0.3	0.3
72	2003C2	9/1/1997	Trial burn; min combustion chamber tempe	Y			3	No			1	CT					0.6							0.7	0.7
73	2003C3	8/1/1997	Risk burn; normal op conditions	U				No			1	N					0.0							0.0	0.0
74	2008C1	6/1/1999		N			1	R2			1	N					1.3							1.4	1.4
75	2012C2	5/1/1999	Risk burn	N				No			1	N					1.1							0.9	0.9
76	2013C4	2/1/1999	Risk burn, normal op cond w/ Cr spike	N				No			1	N					15.6							12.3	12.3
77	2016C2	2/1/1999	Risk burn	N				No			1	N					0.1							0.1	0.1
78	2021C1	3/1/2000	Trial burn, max comb Temp, max steam pr	Y			3	R4			1	CT					174.1							169.2	168.2
79	1005C1	10/1/1995	CoC; max feedrates	N			1	R3			1	NA					100							100	0.1
80	2001C1	9/1/1997	Trial burn; not used for permit setting (max	Y			3	No			1	NA					0.5							0.2	0.2
81	2001C2	9/1/1997	Trial burn; min comb chamber temp	Y			3	No			1	NA					0.0							0.0	0.0
82	2001C3	9/1/1997	Risk burn; normal operating conditions	Y			3	No			1	NA					0.5							4.1	4.1
83	2001C4	9/1/1997	Trial burn; max waste feedrates (Cr, ash sp	Y			3	No			1	NA					1.8							1.1	1.1
84	2008C1	6/1/1999		N			1	R2			1	NA					1.3							1.4	1.4
85	2012C2	5/1/1999	Risk burn	N				No			1	NA					1.1							0.9	0.9
86	232C10	9/1/1997	Trial burn; low temp "worst-case" organic d	N			1	No			1	NA					0.1							0.1	0.1
87	232C11	9/1/1997	Trial burn; max waste feed, max prod rate	N			1	No			1	NA					0.1							0.0	0.0
88	759C4	12/1/1998	Trial burn; DRE	L			3	No			1	NA					130.3							121.6	121.6
89	759C5	7/1/1998	Trial burn; DRE	L			3	No			1	NA					109.9							111.0	111.0
90	761C4	12/1/1998	Trial burn; DRE	U				No			1	NA					121.6							121.1	121.1
91	767C1	7/1/1995	CoC; max waste feedrate and steam prod r	Y			3	R3			1	NA					12.2							13.1	12.5
92	767C2	7/1/1995	CoC; less aggressive max waste feed and i	Y			3	R3			1	NA					12.3							10.9	12.4
93	767C4	7/1/1995	CoC; similar to C1 but higher prod rate, low	Y			3	R3			1	NA					13.0							6.9	9.3
94	767C1	7/1/1995	CoC; max waste feedrate and steam prod r	Y			3	R3			1	NA					12.2							13.1	12.7
95	767C2	7/1/1995	CoC; less aggressive max waste feed and i	Y			3	R3			1	NA					12.3							10.9	12.4
96	767C4	7/1/1995	CoC; similar to C1 but higher prod rate, low	Y			3	R3			1	NA					13.0							6.9	9.3
97	767C1	7/1/1995	CoC; max waste feedrate and steam prod r	Y			3	R3			1	NA					12.2							13.1	12.7
98	767C2	7/1/1995	CoC; less aggressive max waste feed and i	Y			3	R3			1	NA					12.3							10.9	12.4
99	767C4	7/1/1995	CoC; similar to C1 but higher prod rate, low	Y			3	R3			1	NA					13.0							6.9	9.3
100	767C1	7/1/1995	CoC; max waste feedrate and steam prod r	Y			3	R3			1	NA					12.2							13.1	12.7
101	767C2	7/1/1995	CoC; less aggressive max waste feed and i	Y			3	R3			1	NA					12.3							10.9	12.4
102	767C4	7/1/1995	CoC; similar to C1 but higher prod rate, low	Y			3	R3			1	NA					13.0							6.9	9.3
103	774C1	9/1/1998	CoC; max feeds for T-303 bottoms and IPC	N			1	R3			1	NA					1.6							2.0	2.0
104	774C1	9/1/1998	CoC; max feeds for T-303 bottoms and IPC	N			1	R3			1	NA					1.6							2.0	2.0
105	774C1	9/1/1998	CoC; max feeds for T-303 bottoms and IPC	N			1	R3			1	NA					1.6							2.0	2.0
106	811C10	12/1/1998	CoC; max feedrate	Y			3	R3			1	NA					3.6							3.6	3.7
107	811C11	12/1/1998	CoC; min venturi dP	Y			3	R3			1	NA					3.8							4.5	4.0
108	819C1	3/1/1998	CoC; high haz waste feed rate	Y			3	R2			1	NA					72.8							70.4	68.0
109	822C2	7/1/1997	Risk burn, max waste feed	N				No			1	NA					0.6							0.3	0.3
110	911C11	11/1/2001	CoC; HHC waste fuel high range					No			1	NA					111.8							114.4	114.4
111	911C1							No									100							100	0.2
112	911C2							No									7.0							7.2	7.2
113	911C3							No									9.6							9.0	9.0
114	911C4							No									11.2							11.1	11.1
115	911C11	11/1/2001	CoC; HHC waste fuel high range					No			1	NA					111.8							114.4	114.4
116	911C1							No									100							100	0.2
117	911C2							No									7.0							7.2	7.2

Data Summary: Liquid Fuel Boilers, Total Chlorine

	B	BI	BJ	BK	BL	BM	BN	BO	BP	BQ	CR	CC	CE	CF	CG	CH	CI	CJ	CK	CL	CM	CN	CY	CZ	DA	DB	DC
2	Cond ID	CI SRE			CI SRE (%)						CI SRE Used for Ranking Purposes (%)																
3	Number	Campaign Number	Rating	Comments	R1	R2	R3	R SB	Cond Avg	No SB Runs Cond Avg	R1	R2	R3	R SB	Cond Avg	No SB Runs Cond Avg											
4																											
5																											
62	2000C4		1.0 CT	CI not controlled, SRE set to 0 >	100.0 >	100.0 >	100.0		100.0 >	100.0	0.0	0.0	0.0			0.0	0.0										
63	2000C1																										
64	2001C1		1 IB		99.999	100.000	100.000		100.000	100.000	99.999	100.000	100.000			100.000	100.000										
65	2001C2		1 IB		100.000	100.000	100.000		100.000	100.000	100.000	100.000	100.000			100.000	100.000										
66	2001C3		1 CT		99.999	99.977	99.999		99.992	99.992	99.999	99.977	99.999			99.992	99.992										
67	2001C4		1 IB		99.997	99.999	99.998		99.998	99.998	99.997	99.999	99.998			99.998	99.998										
68	2002C1		1 CT		99.923	99.998	99.998		99.973	99.973	99.923	99.998	99.998			99.973	99.973										
69	2002C2		1 IB		99.991	99.992	99.992		99.992	99.992	99.991	99.992	99.992			99.992	99.992										
70	2002C3		1 NA	Normal	99.998	99.997	99.998		99.998	99.998	99.998	99.997	99.998			99.998	99.998										
71	2003C1		1 IB		100.000	100.000	100.000		99.999	99.999	100.000	100.000	100.000			99.999	99.999										
72	2003C2		1 CT		100.000	100.000	100.000		99.999	99.999	100.000	100.000	100.000			99.999	99.999										
73	2003C3		1 NA	Normal	100.000	100.000	100.000		100.000	100.000	100.000	100.000	100.000			100.000	100.000										
74	2008C1		1 NA	Normal, CI not controlled, SRE s	85.328		83.789	88.639	86.366	84.6	0.0		0.0	0.0		0.0	0.0										
75	2012C2		1 NA	Normal, Assume CI not control	>-2562.948 >	>-2622.213 >	>-2472.482		-159.598	-159.598	0.0	0.0	0.0			0.0	0.0										
76	2013C4																										
77	2016C2																										
78	2021C1		1 CT	CI not controlled, SRE set to 0					>	20.057							0.0										
79	1005C1																										
80	2001C1		1 NA		99.999	100.000	100.000		100.000	100.000	99.999	100.000	100.000			100.000	100.000										
81	2001C2		1 NA		100.000	100.000	100.000		100.000	100.000	100.000	100.000	100.000			100.000	100.000										
82	2001C3		1 NA		99.999	99.977	99.999		99.992	99.992	99.999	99.977	99.999			99.992	99.992										
83	2001C4		1 NA		99.997	99.999	99.998		99.998	99.998	99.997	99.999	99.998			99.998	99.998										
84	2008C1		1 NA	CI not controlled, SRE set to 0	85.328		83.789	88.639	86.366	84.6	0.0		0.0	0.0		0.0	0.0										
85	2012C2		1 NA	Assume CI not controlled; SRE :>	>-2562.948 >	>-2622.213 >	>-2472.482		>-159.598 >	>-159.598	0.0	0.0	0.0			0.0	0.0										
86	232C10																										
87	232C11																										
88	759C4																										
89	759C5																										
90	761C4																										
91	767C1		1 NA	CI not controlled, SRE set to 0; c	87.016	85.348		85.438	85.955	86.2	0.0	0.0			0.0	0.0	0.0										
92	767C2		1 NA	CI not controlled, SRE set to 0; c	80.837	77.188		82.429	80.166	79.0	0.0	0.0			0.0	0.0	0.0										
93	767C4		1 NA	CI not controlled, SRE set to 0; c	81.477	85.691		89.402	85.399	83.6	0.0	0.0			0.0	0.0	0.0										
94	767C1		1 NA	CI not controlled, SRE set to 0; c	87.016	85.348		85.438	85.955	86.2	0.0	0.0			0.0	0.0	0.0										
95	767C2		1 NA	CI not controlled, SRE set to 0; c	80.837	77.188		82.429	80.166	79.0	0.0	0.0			0.0	0.0	0.0										
96	767C4		1 NA	CI not controlled, SRE set to 0; c	81.477	85.691		89.402	85.399	83.6	0.0	0.0			0.0	0.0	0.0										
97	767C1		1 NA	CI not controlled, SRE set to 0; c	87.016	85.348		85.438	85.955	86.2	0.0	0.0			0.0	0.0	0.0										
98	767C2		1 NA	CI not controlled, SRE set to 0; c	80.837	77.188		82.429	80.166	79.0	0.0	0.0			0.0	0.0	0.0										
99	767C4		1 NA	CI not controlled, SRE set to 0; c	81.477	85.691		89.402	85.399	83.6	0.0	0.0			0.0	0.0	0.0										
100	767C1		1 NA	CI not controlled, SRE set to 0; c	87.016	85.348		85.438	85.955	86.2	0.0	0.0			0.0	0.0	0.0										
101	767C2		1 NA	CI not controlled, SRE set to 0; c	80.837	77.188		82.429	80.166	79.0	0.0	0.0			0.0	0.0	0.0										
102	767C4		1 NA	CI not controlled, SRE set to 0; c	81.477	85.691		89.402	85.399	83.6	0.0	0.0			0.0	0.0	0.0										
103	774C1		1 NA	CI not controlled, SRE set to 0; c	-1.068	-1.066		-1.066	-1.065	-1.1	0.0	0.0			0.0	0.0	0.0										
104	774C1		1 NA	CI not controlled, SRE set to 0; c	-1.068	-1.066		-1.066	-1.065	-1.1	0.0	0.0			0.0	0.0	0.0										
105	774C1		1 NA	CI not controlled, SRE set to 0; c	-1.068	-1.066		-1.066	-1.065	-1.1	0.0	0.0			0.0	0.0	0.0										
106	811C10		1 NA		99.090	99.074		99.125	99.096	99.1	99.090	99.074			99.125	99.096	99.1										
107	811C11		1 NA		99.577	99.569		99.486	99.544	99.6	99.577	99.569			99.486	99.544	99.6										
108	819C1		1 NA	CI not controlled, SRE set to 0; c	9.378		8.681	-2.141	8.627	9.0	0.0		0.0		0.0	0.0	0.0										
109	822C2																										
110	911C11																										
111	911C1								88.399																		
112	911C2																										
113	911C3																										
114	911C4																										
115	911C11																										
116	911C1								88.399																		
117	911C2																										

Data Summary: Liquid Fuel Boilers, Total Chlorine

	B	DD	DE	DH	DI	DJ	DK	DL	DM	DN	DO	DP	DQ	DR	DS	DT	DU	EF	EG	EH	EI	
2	Cond ID	Chlorine Feedrate Cond Avg ug/dscm				Chlorine Feedrate Total (ug/dscm)																
3	Number	HW	Spike	MF	Total	ND	R1	ND	R2	ND	R3	ND	R4	ND	R5	ND	R6	ND	R SB	ND	Cond Avg	
4																						
5																						
62	2000C4			125600.7	125600.7	1.0	80762.6	1.0	92753.2	1.0	203286.4									1.0	125600.7	
63	2000C1			1809.0	1809.0	###	1894.6	###	1792.0									####	1740.4	###	1809.0	
64	2001C1	105,442,152			105,442,152		101,274,637		100,233,539		114,818,281										105,442,152	
65	2001C2	98,038,638			49,019,319		50,026,588		46,675,612		50,355,756										49,019,319	
66	2001C3	78,853,867			78,853,867		78,284,032		77,417,158		80,860,412										78,853,867	
67	2001C4	76,437,634			76,437,634		77,744,037		75,152,625		76,416,240										76,437,634	
68	2002C1	37,936,294	2,725,979		40,663,422		40,312,014		39,622,200		42,056,051										40,663,422	
69	2002C2	51,689,831		0	53,846,831		52,371,172		53,665,951		55,503,370										53,846,831	
70	2002C3	41,771,060			41,771,060		41,975,757		41,677,171		41,807,996										41,771,060	
71	2003C1	121,586,682	4,031,558		93,082,015		128,049,495		114,385,359		125,861,647										93,082,015	
72	2003C2	242,060,242	7,350,246		188,896,326		236,673,075		263,687,908		247,874,073										188,896,326	
73	2003C3	45,860,471			45,860,471		43,252,961		52,271,581		42,056,873										45,860,471	
74	2008C1	15,105			15,105		13,789				12,789									18,737	15,105	
75	2012C2	500			500	87	494	92	574	93	432										500	
76	2013C4																					
77	2016C2																					
78	2021C1	1,791	325,331	492	327,614									0	324,293	0	330,106	0	328,501	0	327,614	
79	1005C1																					
80	2001C1	105,442,152			105,442,152		101,274,637		100,233,539		114,818,281										105,442,152	
81	2001C2	98,038,638			49,019,319		50,026,588		46,675,612		50,355,756										49,019,319	
82	2001C3	78,853,867			78,853,867		78,284,032		77,417,158		80,860,412										78,853,867	
83	2001C4	76,437,634			76,437,634		77,744,037		75,152,625		76,416,240										76,437,634	
84	2008C1	15,105			15,105		13,789				12,789									18,737	15,105	
85	2012C2	500			500	87	494	92	574	93	432										500	
86	232C10	7,115			7,115	100	7,071	100	7,054	100	7,174									100	7,115	
87	232C11	18,424			18,516	100	16,784	100	20,560	100	18,202									100	18,516	
88	759C4																					
89	759C5																					
90	761C4																					
91	767C1		136,915		136,915		142,067		132,266											136,413	136,915	
92	767C2		94,829		94,829	0	97,649	0	93,170										0	93,668	0	94,829
93	767C4		96,397		96,397	0	106,601	0	84,291										0	98,299	0	96,397
94	767C1		136,915		136,915		142,067		132,266											136,413	136,915	
95	767C2		94,829		94,829	0	97,649	0	93,170										0	93,668	0	94,829
96	767C4		96,397		96,397	0	106,601	0	84,291										0	98,299	0	96,397
97	767C1		136,915		136,915		142,067		132,266											136,413	136,915	
98	767C2		94,829		94,829	0	97,649	0	93,170										0	93,668	0	94,829
99	767C4		96,397		96,397	0	106,601	0	84,291										0	98,299	0	96,397
100	767C1		136,915		136,915		142,067		132,266											136,413	136,915	
101	767C2		94,829		94,829	0	97,649	0	93,170										0	93,668	0	94,829
102	767C4		96,397		96,397	0	106,601	0	84,291										0	98,299	0	96,397
103	774C1	2,727	225	57	3,010		2,437		3,547											3,044	3,010	
104	774C1	2,727	225	57	3,010		2,437		3,547											3,044	3,010	
105	774C1	2,727	225	57	3,010		2,437		3,547											3,044	3,010	
106	811C10	1,377	615,930		617,306		598,655		632,465												620,800	617,306
107	811C11	1,518	1,320,336		1,321,854		1,356,357		1,283,147												1,326,059	1,321,854
108	819C1	12,003	100,795		112,798	0	121,858			0	110,774									0	104,557	112,798
109	822C2	10			10	100	10	100	10	100	10										100	10
110	911C11																					
111	911C1																					
112	911C2																					
113	911C3																					
114	911C4																					
115	911C11																					
116	911C1																					
117	911C2																					

Data Summary: Liquid Fuel Boilers, Total Chlorine

	B	EJ	EK	EL	EM	EN	EO	FF	FG	FH	FI	FL	FM	FN	FO	FP	FQ	FR
2	Cond ID	Chlorine Feedrate Hazardous Wastes and Spike (ug/dscm)										Thermal Feed Cond Avg (MMBtu/hr)			Thermal Emissions Rating			
3	Number	R1		R2		R3		R SB		Cond Avg		Misc Fuel	Total	Total Est	Camp No	Rating	Comments	
4		ND	ND	ND	ND	ND	ND	ND	ND	ND								
5																		
62	2000C4	1.0	80762.6	1.0	92753.2	1.0	203286.4			1.0	125600.7							
63	2000C1	100	1894.6	100.0	1792.0			100	1740.4	100	1809.0	114.9	114.9	101.8				
64	2001C1		101,274,637		100,233,539		114,818,281				105,442,152		21.4	24.1	1	IB		
65	2001C2		50,026,588		46,675,612		50,355,756				49,019,319		20.3	24.6	1	IB		
66	2001C3		78,284,032		77,417,158		80,860,412				78,853,867		14.3	20.8	1	CT		
67	2001C4		77,744,037		75,152,625		76,416,240				76,437,634		22.4	34.8	1	IB		
68	2002C1		40,312,014		39,622,200		42,056,051				40,663,422		10.0	17.3	1	CT		
69	2002C2		52,371,172		53,665,951		55,503,370				53,846,831		29.9	38.9	1	IB		
70	2002C3		41,975,757		41,677,171		41,807,996				41,820,308		25.1	38.9	1	N	Normal	
71	2003C1		128,049,495		114,385,359		125,861,647				122,765,500		4.4	18.6	1	IB		
72	2003C2		236,673,075		263,687,908		247,874,073				249,411,686		3.2	10.2	1	CT		
73	2003C3		43,252,961		52,271,581		42,056,873				45,860,471		1.0	10.2	1	N	Normal	
74	2008C1		13,789				12,789		18,737		15,105		192.8	219.6	1	N	Normal	
75	2012C2	87	494	92	574	93	432			91	500			360.1	1	N	Normal	
76	2013C4													1,015.7				
77	2016C2													367.3				
78	2021C1											334.3	334.3	376.5				
79	1005C1																	
80	2001C1		101,274,637		100,233,539		114,818,281				105,442,152		21.4	24.1	1	NA	Data in lieu	
81	2001C2		50,026,588		46,675,612		50,355,756				49,019,319		20.3	24.6	1	NA	Data in lieu	
82	2001C3		78,284,032		77,417,158		80,860,412				78,853,867		14.3	20.8	1	NA	Data in lieu	
83	2001C4		77,744,037		75,152,625		76,416,240				76,437,634		22.4	34.8	1	NA	Data in lieu	
84	2008C1		13,789				12,789		18,737		15,105		192.8	219.6	1	NA	Data in lieu	
85	2012C2	87	494	92	574	93	432			91	500			360.1	1	NA	Data in lieu	
86	232C10	100	7,071	100	7,054	100	7,174			100	7,100		49.7	569.4	1	NA	Data in lieu	
87	232C11	100	16,784	100	20,560	100	18,202			100	18,516		128.6	560.6	1	NA	Data in lieu	
88	759C4																	
89	759C5																	
90	761C4																	
91	767C1		142,067		132,266				136,413		136,915	18.3	102.9	102.1	1	NA	Data in lieu	
92	767C2		97,649	0	93,170				93,668	0	94,829		79.3	180.0	1	NA	Data in lieu	
93	767C4	0	106,601	0	84,291			0	98,299	0	96,397	44.8	137.7	186.7	1	NA	Data in lieu	
94	767C1		142,067		132,266				136,413		136,915	18.3	102.9	102.1	1	NA	Data in lieu	
95	767C2	0	97,649	0	93,170			0	93,668	0	94,829		79.3	180.0	1	NA	Data in lieu	
96	767C4	0	106,601	0	84,291			0	98,299	0	96,397	44.8	137.7	186.7	1	NA	Data in lieu	
97	767C1		142,067		132,266				136,413		136,915	18.3	102.9	102.1	1	NA	Data in lieu	
98	767C2	0	97,649	0	93,170			0	93,668	0	94,829		79.3	180.0	1	NA	Data in lieu	
99	767C4	0	106,601	0	84,291			0	98,299	0	96,397	44.8	137.7	186.7	1	NA	Data in lieu	
100	767C1		142,067		132,266				136,413		136,915	18.3	102.9	102.1	1	NA	Data in lieu	
101	767C2	0	97,649	0	93,170			0	93,668	0	94,829		79.3	180.0	1	NA	Data in lieu	
102	767C4	0	106,601	0	84,291			0	98,299	0	96,397	44.8	137.7	186.7	1	NA	Data in lieu	
103	774C1		2,437		3,547				3,044		3,009	153.0		228.7	1	NA	Data in lieu	
104	774C1		2,437		3,547				3,044		3,009	153.0		228.7	1	NA	Data in lieu	
105	774C1		2,437		3,547				3,044		3,009	153.0		228.7	1	NA	Data in lieu	
106	811C10		598,655		632,465				620,800		617,306		40.0	67.6	1	NA	Data in lieu	
107	811C11		1,356,357		1,283,147				1,326,059		1,321,854		23.1	31.6	1	NA	Data in lieu	
108	819C1	0	121,858			0	110,774	0	104,557	0	112,397	43.9	121.0	132.7	1	NA	Data in lieu	
109	822C2	100	10	100	10	100	10			100	10		44.2	44.1	1	NA	Data in lieu	
110	911C11													171.3				
111	911C1											117.1	156.8	179.0	1	NA	Data in lieu	100
112	911C2											106.9	168.1	176.2	1	NA	Data in lieu	
113	911C3											90.1	177.1	179.0	1	NA	Data in lieu	
114	911C4											23.7	187.4	174.2	1	NA	Data in lieu	
115	911C11													171.3				
116	911C1											117.1	156.8	179.0	1	NA	Data in lieu	100
117	911C2											106.9	168.1	176.2	1	NA	Data in lieu	

Data Summary: Liquid Fuel Boilers, Total Chlorine

	B	FS	FT	FU	FV	FW	GD	GE	GF	GG	GH	GI	GJ	GK	GL	GM	GU	GV	GW		
2	Cond ID	Chlorine HW Thermal Emiss (lb/10 ⁹ Btu)										Chlorine in HW (lb/MMBtu)									
3	Number	R1		R2		R3		R SB		Cond Avg		R1		R2		R3		R SB		Cond Avg	
4																					
5																					
62	2000C4																				
63	2000C1																				
64	2001C1	0.7		0.0		0.0				0.3		100.65		92.83		106.86				99.67	
65	2001C2	0.1		0.2		0.1				0.1		100.79		97.60		102.34				99.96	
66	2001C3	1.1		20.4		0.6				7.4		107.07		89.83		105.40				96.33	
67	2001C4	3.5		1.3		1.9				2.2		100.70		99.17		99.17				99.68	
68	2002C1	45.8		1.3		1.2				16.1		59.40		57.00		61.82				59.46	
69	2002C2	5.3		4.7		4.9				5.0		58.08		59.28		59.31				57.89	
70	2002C3	1.1		1.4		1.0				1.2		54.76		55.42		54.22				54.62	
71	2003C1	1.1		1.9		1.9				1.6		372.25		394.73		456.25				451.07	
72	2003C2	2.5		2.3		4.0				2.9		649.04		623.82		927.48				678.35	
73	2003C3	0.1		0.3		0.3				0.2		365.23		349.96		347.87				378.43	
74	2008C1	1.8				2.0		2.1		2.0		0.01				0.01		0.02		0.01	
75	2012C2	23.2		25.7		20.0				23.0	87	0.00	92	0.00	93	0.00			91	0.00	
76	2013C4																				
77	2016C2																				
78	2021C1																				
79	1005C1																				
80	2001C1	0.7		0.0		0.0				0.3		100.65		92.83		106.86				99.67	
81	2001C2	0.1		0.2		0.1				0.1		100.79		97.60		102.34				99.96	
82	2001C3	1.1		20.4		0.6				7.4		107.07		89.83		105.40				96.33	
83	2001C4	3.5		1.3		1.9				2.2		100.70		99.17		99.17				99.68	
84	2008C1	1.8				2.0		2.1		2.0		0.01				0.01		0.02		0.01	
85	2012C2	23.2		25.7		20.0				23.0	87	0.00	92	0.00	93	0.00			91	0.00	
86	232C10	1.8		0.6		0.9				1.1	100	0.07	100	0.07	100	0.07			100	0.07	
87	232C11	0.3		0.0		0.1				0.1	100	0.07	100	0.07	100	0.07			100	0.07	
88	759C4																				
89	759C5																				
90	761C4																				
91	767C1	17.9		17.5				24.7		20.0		0.14		0.12				0.17		0.14	
92	767C2	37.6		40.2				31.7		36.5		0.20		0.18				0.18		0.12	
93	767C4	33.5		19.5				18.3		23.8		0.18		0.14				0.17		0.11	
94	767C1	17.9		17.5				24.7		20.0		0.14		0.12				0.17		0.14	
95	767C2	37.6		40.2				31.7		36.5		0.20		0.18				0.18		0.12	
96	767C4	33.5		19.5				18.3		23.8		0.18		0.14				0.17		0.11	
97	767C1	17.9		17.5				24.7		20.0		0.14		0.12				0.17		0.14	
98	767C2	37.6		40.2				31.7		36.5		0.20		0.18				0.18		0.12	
99	767C4	33.5		19.5				18.3		23.8		0.18		0.14				0.17		0.11	
100	767C1	17.9		17.5				24.7		20.0		0.14		0.12				0.17		0.14	
101	767C2	37.6		40.2				31.7		36.5		0.20		0.18				0.18		0.12	
102	767C4	33.5		19.5				18.3		23.8		0.18		0.14				0.17		0.11	
103	774C1	6.3		7.6				6.6		6.8		0.01		0.01				0.01		0.01	
104	774C1	6.3		7.6				6.6		6.8		0.01		0.01				0.01		0.01	
105	774C1	6.3		7.6				6.6		6.8		0.01		0.01				0.01		0.01	
106	811C10	8.0		8.0				7.8		7.9		0.88		0.86				0.89		0.82	
107	811C11	6.6		6.4				7.8		6.9		1.56		1.49				1.52		1.37	
108	819C1	146.1				146.5		165.4		152.7		0.16				0.16		0.16		0.16	
109	822C2	0.8		0.1		0.1				0.3	100	0.00	100	0.00	100	0.00			100	0.00	
110	911C11																				
111	911C1	1.4	100	1.2	100	1.3				1.3		0.02		0.01		0.01				0.01	
112	911C2	25.2		26.1		27.3				26.2		0.04		0.04		0.03				0.04	
113	911C3	26.0		22.1		20.6				22.9		0.04		0.03		0.03				0.03	
114	911C4	14.6		15.9		14.6				15.0		0.04		0.03		0.04				0.04	
115	911C11																				
116	911C1	1.4	100	1.2	100	1.3				1.3		0.02		0.01		0.01				0.01	
117	911C2	25.2		26.1		27.3				26.2		0.04		0.04		0.03				0.04	

Data Summary: Liquid Fuel Boilers, Total Chlorine

	A	B	C	D	E	F	G	H	M	O	P	Q	R	S
2	Source ID	Cond ID	Facility Information		Combustor Information			APCS	Hazardous	Munitions	Chemical	Mixed	Comm	Gov't
3	Number	Number	Facility Name	City	Combustor	Combustor	Combustor	Detailed	Waste	Popping	Weapons	Radioactive	vs Onsite	
4					Category	Class	Type	Acronym		Furnace	Demil	Waste		
5														
118	911B	911C3	Aristech Chemical Corporation	Haverhill	Liquid boiler	Liquid-fired boiler								
119	911B	911C4	Aristech Chemical Corporation	Haverhill	Liquid boiler	Liquid-fired boiler								
120	2020	2020C1	Dow Chemical Company	Freeport	Liquid boiler	Liquid-fired boiler		WHB/VS/WS	Liq	No	No	No	OS	No
121														
122														
123	Sources Shutdown or No Longer Burning Hazardous Wastes													
124	849	849C1	Dow Chemical Company	Freeport	Liquid boiler	Liquid-fired boiler	Liquid-fired	VS/WS	Liq	No	No	No	OS	No
125	849	849C3	Dow Chemical Company	Freeport	Liquid boiler	Liquid-fired boiler	Liquid-fired	VS/WS	Liq	No	No	No	OS	No
126	910	910C1	Union Carbide Corporation	Texas City	Liquid boiler	Liquid-fired boiler	Liquid-fired	None	Liq	No	No	No	OS	No

Data Summary: Liquid Fuel Boilers, Total Chlorine

	B	T	U		V	Y	AC	AD	AE	AF		AG	AH	AI	AJ	AK	AL	AM	AN	BC	BD	BE	BF	BG	BH		
2	Cond ID	Condition Information				CI		SB	CI Emissions			Total Chlorine Stack Gas Emissions (ppmv)															
3	Number	Cond	Cond Description		Spiking	Tier	Run	Camp	Rating	Rating	Comments	R1		R2		R3		R4		R SB		Cond Avg		No SB			
4		Dates					Number	No				ND	Emiss	ND	Emiss	ND	Emiss	ND	Emiss	ND	Emiss	ND	Emiss	ND	Emiss		
5																											
118	911C3						No						9.6		8.3		8.3									9.0	
119	911C4						No						11.2		12.0		10.6									11.1	
120	2020C1	2/1/1999	Trial burn, max waste feed, max op temp at Y				3			1 CT		100	0.5	14	0.7	79	0.5					60			0.6		
121																											
122																											
123	Shutdown or No																										
124	849C1	6/1/1998	Trial burn, max feed rate, max comb temp at Y				3	No		1 IB			10.9		11.7		12.0									11.6	11.6
125	849C3	9/1/1998	Trial burn, high capacity, max prod, max feed at Y				3	No		1 CT			17.7		16.8		19.8									18.1	18.1
126	910C1	5/1/1999	CoC/trial burn, max liquid waste feed, max feed at Y				3	R3		1 CT			241.7		258.0						223.4				241.0	249.9	

Data Summary: Liquid Fuel Boilers, Total Chlorine

	B	BI	BJ	BK	BL	BM	BN	BO	BP	BQ	CR	CC	CD	CE	CF	CG	CH	CI	CJ	CK	CL	CM	CN	CY	CZ	DA	DB	DC
2	Cond ID	CI SRE			CI SRE (%)										CI SRE Used for Ranking Purposes (%)													
3	Number	Campaign	Rating	Comments	R1	R2	R3	R SB	Cond Avg	No SB Runs	R1	R2	R3	R SB	Cond Avg	No SB Runs	R1	R2	R3	R SB	Cond Avg	No SB Runs	R1	R2	R3	R SB	Cond Avg	No SB Runs
4		Number																										
5																												
118	911C3																											
119	911C4																											
120	2020C1		1 CT		99.9949	99.9933			99.9940		99.9949	99.9933													99.9940			
121																												
122																												
123	Shutdown or No																											
124	849C1		1 IB		95.484	95.558	94.739		95.268	95.268	95.484	95.558	94.739												95.268	95.268		
125	849C3		1 CT		93.982	92.549	91.494		92.773	92.773	93.982	92.549	91.494												92.773	92.773		
126	910C1		1 CT	CI not controlled, SRE set to 0	-2.672	-7.495			12.480	1.037	-5.1	0.0	0.0											0.0	0.0		0.0	

Data Summary: Liquid Fuel Boilers, Total Chlorine

	B	DD	DE	DH	DI	DJ	DK	DL	DM	DN	DO	DP	DQ	DR	DS	DT	DU	EF	EG	EH	EI	
2	Cond ID	Chlorine Feedrate Cond Avg ug/dscm				Chlorine Feedrate Total (ug/dscm)																
3	Number	HW	Spike	MF	Total	ND	R1	ND	R2	ND	R3	ND	R4	ND	R5	ND	R6	ND	R SB	ND	Cond Avg	
4																						
5																						
118	911C3																					
119	911C4																					
120	2020C1	504,825	13,613,386		14,118,211		15,668,848		14,901,438		12,288,792											14,118,211
121																						
122																						
123	Shutdown or No																					
124	849C1	290,095	80,240		370,336	0	366,594	0	397,998	0	346,415										0	370,336
125	849C3	379,530			379,530	0	444,966	0	341,050	0	352,576										0	379,530
126	910C1	304	368,929		369,233		356,882		363,868												386,949	369,233

Data Summary: Liquid Fuel Boilers, Total Chlorine

	B	EJ	EK	EL	EM	EN	EO	FF	FG	FH	FI	FL	FM	FN	FO	FP	FQ	FR
2	Cond ID	Chlorine Feedrate Hazardous Wastes and Spike (ug/dscm)										Thermal Feed Cond Avg (MMBtu/hr)			Thermal Emissions Rating			
3	Number	R1	R2	R3	R SB	Cond Avg	Misc Fuel	Total	Total Est	Camp No	Rating	Comments						
4		ND	ND	ND	ND	ND												
5																		
118	911C3											90.1	177.1	179.0	1 NA		Data in lieu	
119	911C4											23.7	187.4	174.2	1 NA		Data in lieu	
120	2020C1											0.0	41.9	46.3	1 CT			100
121																		
122																		
123	Shutdown or No																	
124	849C1	0	366,594	0	397,998	0	346,415			0	370,336		31.0	49.3	1 IB			
125	849C3	0	444,966	0	341,050	0	352,576			0	379,530		16.1	32.9	1 CT			
126	910C1		356,882		363,868			386,949			369,233	131.0	183.0	201.4	1 CT			

Data Summary: Liquid Fuel Boilers, Total Chlorine

	B	FS	FT	FU	FV	FW	GD	GE	GF	GG	GH	GI	GJ	GK	GL	GM	GU	GV	GW
2	Cond ID	Chlorine HW Thermal Emiss (lb/10 ⁹ Btu)										Chlorine in HW (lb/MMBtu)							
3	Number	R1	R2	R3	R SB	Cond Avg						R1	R2	R3	R SB	Cond Avg			
4																			
5																			
118	911C3	26.0		22.1		20.6					22.9	0.04		0.03		0.03			0.03
119	911C4	14.6		15.9		14.6					15.0	0.04		0.03		0.04			0.04
120	2020C1	0.7	14	0.9	79						0.8	14.1		13.5		0.0			9.2
121																			
122																			
123	Shutdown or No																		
124	849C1	22.3		22.7		27.1					24.0	0.49		0.51		0.51			0.51
125	849C3	41.8		43.7		52.5					46.0	0.70		0.59		0.62			0.64
126	910C1	1,207.6		1,359.5				1,106.3			1,224.5	1.18		1.26				1.26	1.23