

US EPA ARCHIVE DOCUMENT

LWAK, SVM

	1	2	3	4	5	6	8	13	15	16	17	18	19
2	Source ID	Cond ID	Facility Information		Combustor Information		APCS Detailed Acronym	Hazardous Wastes	Munitions Popping Furnace	Chemical Weapons Demil	Mixed Radioactive Waste	Commercial vs On-site	Gov't
3	Number	Number	Facility Name	City	Combustor Category	Combustor Class							
4													
5													
6	307	307C13	Norlite Corp.	Cohoes	Lightweight aggregate kiln	Lightweight Aggregate Kiln (LWAK)	HE/MC/FF/VS/ME	Liq, solid	No	No	No	Comm	No
7	307	307C14	Norlite Corp.	Cohoes	Lightweight aggregate kiln	Lightweight Aggregate Kiln (LWAK)	HE/MC/FF/VS/ME	Liq, solid	No	No	No	Comm	No
8	307	307C15	Norlite Corp.	Cohoes	Lightweight aggregate kiln	Lightweight Aggregate Kiln (LWAK)	HE/MC/FF/VS/ME	Liq, solid	No	No	No	Comm	No
9	307	307C12	Norlite Corp.	Cohoes	Lightweight aggregate kiln	Lightweight Aggregate Kiln (LWAK)	HE/MC/FF/VS/ME	Liq, solid	No	No	No	Comm	No
10	307	307C11	Norlite Corp.	Cohoes	Lightweight aggregate kiln	Lightweight Aggregate Kiln (LWAK)	HE/MC/FF/VS/ME	Liq, solid	No	No	No	Comm	No
11	307	307C1	Norlite Corp.	Cohoes	Lightweight aggregate kiln	Lightweight Aggregate Kiln (LWAK)	HE/MC/FF/VS/ME	Liq, solid	No	No	No	Comm	No
12	307	307C2	Norlite Corp.	Cohoes	Lightweight aggregate kiln	Lightweight Aggregate Kiln (LWAK)	HE/MC/FF/VS/ME	Liq, solid	No	No	No	Comm	No
13	307	307C3	Norlite Corp.	Cohoes	Lightweight aggregate kiln	Lightweight Aggregate Kiln (LWAK)	HE/MC/FF/VS/ME	Liq, solid	No	No	No	Comm	No
14	307	307C4	Norlite Corp.	Cohoes	Lightweight aggregate kiln	Lightweight Aggregate Kiln (LWAK)	HE/MC/FF/VS/ME	Liq, solid	No	No	No	Comm	No
15	311	311C10	Solite Corp	Cascade	Lightweight aggregate kiln	Lightweight Aggregate Kiln (LWAK)	QS/FF	Liq	No	No	No	Comm	No
16	311	311C1	Solite Corp	Cascade	Lightweight aggregate kiln	Lightweight Aggregate Kiln (LWAK)	QS/FF	Liq	No	No	No	Comm	No
17	312	312C10	Solite Corp	Cascade	Lightweight aggregate kiln	Lightweight Aggregate Kiln (LWAK)	QS/FF	Liq	No	No	No	Comm	No
18	312	312C2	Solite Corp	Cascade	Lightweight aggregate kiln	Lightweight Aggregate Kiln (LWAK)	QS/FF	Liq	No	No	No	Comm	No
19	312	312C1	Solite Corp	Cascade	Lightweight aggregate kiln	Lightweight Aggregate Kiln (LWAK)	QS/FF	Liq	No	No	No	Comm	No
20	313	313C11	Solite Corp	Arvonnia	Lightweight aggregate kiln	Lightweight Aggregate Kiln (LWAK)	WQ/FF	Liq	No	No	No	Comm	No
21	313	313C1	Solite Corp	Arvonnia	Lightweight aggregate kiln	Lightweight Aggregate Kiln (LWAK)	WQ/FF	Liq	No	No	No	Comm	No
22	314	314C11	Solite Corp	Arvonnia	Lightweight aggregate kiln	Lightweight Aggregate Kiln (LWAK)	WQ/FF	Liq	No	No	No	Comm	No
23	314	314C3	Solite Corp	Arvonnia	Lightweight aggregate kiln	Lightweight Aggregate Kiln (LWAK)	WQ/FF	Liq	No	No	No	Comm	No
24	314	314C1	Solite Corp	Arvonnia	Lightweight aggregate kiln	Lightweight Aggregate Kiln (LWAK)	WQ/FF	Liq	No	No	No	Comm	No
25	336	336C12	Solite Corp	Cascade	Lightweight aggregate kiln	Lightweight Aggregate Kiln (LWAK)	QS/FF	Liq	No	No	No	Comm	No
26	336	336C3	Solite Corp	Cascade	Lightweight aggregate kiln	Lightweight Aggregate Kiln (LWAK)	QS/FF	Liq	No	No	No	Comm	No
27	474	474C10	Solite Corp	Cascade	Lightweight aggregate kiln	Lightweight Aggregate Kiln (LWAK)	QS/FF	Liq	No	No	No	Comm	No
28	474	474C1	Solite Corp	Cascade	Lightweight aggregate kiln	Lightweight Aggregate Kiln (LWAK)	QS/FF	Liq	No	No	No	Comm	No
29	476	476C11	Solite Corp	Arvonnia	Lightweight aggregate kiln	Lightweight Aggregate Kiln (LWAK)	WQ/FF	Liq	No	No	No	Comm	No
30	476	476C1	Solite Corp	Arvonnia	Lightweight aggregate kiln	Lightweight Aggregate Kiln (LWAK)	WQ/FF	Liq	No	No	No	Comm	No
31	479	307C13	Norlite Corp.	Cohoes	Lightweight aggregate kiln	Lightweight Aggregate Kiln (LWAK)	HE/MC/FF/VS/ME	Liq, solid	No	No	No	Comm	No
32	479	307C14	Norlite Corp.	Cohoes	Lightweight aggregate kiln	Lightweight Aggregate Kiln (LWAK)	HE/MC/FF/VS/ME	Liq, solid	No	No	No	Comm	No
33	479	307C15	Norlite Corp.	Cohoes	Lightweight aggregate kiln	Lightweight Aggregate Kiln (LWAK)	HE/MC/FF/VS/ME	Liq, solid	No	No	No	Comm	No
34	479	479C1	THERMALKEM (NORLITE)	Cohoes	Lightweight aggregate kiln	Lightweight Aggregate Kiln (LWAK)	MC/HE/FF/VS/DM	Liq, solid	No	No	No	Comm	No
35	479	479C2	THERMALKEM (NORLITE)	Cohoes	Lightweight aggregate kiln	Lightweight Aggregate Kiln (LWAK)	MC/HE/FF/VS/DM	Liq, solid	No	No	No	Comm	No
36	479	307C12	Norlite Corp.	Cohoes	Lightweight aggregate kiln	Lightweight Aggregate Kiln (LWAK)	HE/MC/FF/VS/ME	Liq, solid	No	No	No	Comm	No
37	479	307C11	Norlite Corp.	Cohoes	Lightweight aggregate kiln	Lightweight Aggregate Kiln (LWAK)	HE/MC/FF/VS/ME	Liq, solid	No	No	No	Comm	No
38	479	307C1	Norlite Corp.	Cohoes	Lightweight aggregate kiln	Lightweight Aggregate Kiln (LWAK)	HE/MC/FF/VS/ME	Liq, solid	No	No	No	Comm	No
39	479	307C2	Norlite Corp.	Cohoes	Lightweight aggregate kiln	Lightweight Aggregate Kiln (LWAK)	HE/MC/FF/VS/ME	Liq, solid	No	No	No	Comm	No
40	479	307C3	Norlite Corp.	Cohoes	Lightweight aggregate kiln	Lightweight Aggregate Kiln (LWAK)	HE/MC/FF/VS/ME	Liq, solid	No	No	No	Comm	No
41	479	307C4	Norlite Corp.	Cohoes	Lightweight aggregate kiln	Lightweight Aggregate Kiln (LWAK)	HE/MC/FF/VS/ME	Liq, solid	No	No	No	Comm	No

LWAK, SVM

	2	20	21		22	23	25	26	30	31	32		33	34	35	36	37	38	39	40	57	58	
2	Cond ID	Condition Information			Spiking		Tier		SVM Emissions				Stack Gas Emissions (ug/dscm) (ND% of total)										
3	Number	Cond Description			Pb	Cd	Pb	Cd	Campaign	Rating	Rating Comments		R1	R2	R3	R4	Cond Avg						
4		Dates							Number				ND	Emiss	ND	Emiss	ND	Emiss	ND	Emiss	ND	Emiss	
5																							
6	307C13	7/1/2001	Risk Burn, metal feeds equiv. to Jan '97 permit	N					1	IB				1		1		1					1
7	307C14	7/1/2001	Risk Burn, metal feeds equiv. to June '01 permit	N					1	IB				1		1		1					1
8	307C15	7/1/2001	Risk Burn, lower FF temp	N					1	IB				2		2		3					3
9	307C12	5/1/2000	Risk Burn, elevated waste feed rates, maximum tem	Y			3	3	2	IB				4		4		3					4
10	307C11	4/1/1999	Trial Burn, elevated operating temperature, metals s	Y			3	3	3	CT				13		5		5					7
11	307C1	12/1/1992	CoC, LOW COMB TEMP, LOW HALOGEN FEED	Y			3	3	4	CT				15		10		7			9		10
12	307C2	12/1/1992	CoC, HIGH COMB TEMP, HIGH HALOGEN FEED	Y			3	3	4	IB				8		12		5			6		7
13	307C3	12/1/1992	CoC, LOW COMB TEMP, HIGH HALOGEN FEED, IY	Y			3	3	4	IB				7		2		5			3		4
14	307C4	12/1/1992	CoC, HIGH COMB TEMP, HIGH HALOGEN FEED, Y	Y			3	3	4	IB				3		3		6					4
15	311C10	5/1/1999	COC, Metals SRE	Y			3	3	1	CT				7		2		3					4
16	311C1	6/1/1992	CoC, MAX HW FEED,MAX RAW MATERIAL	Y			3	3	2	CT				179		423		947					516
17	312C10	5/1/1999	COC, Metals SRE	Y			3	3	1	CT				45		75		87					69
18	312C2	5/1/1995	CoC	Y			3	3	2	CT				301		473		569					447
19	312C1	8/8/1992	CoC, MAX HW FEED, MAX RAW MATERIAL	Y			3	3	3	CT				170		610		443					407
20	313C11	5/1/1999	CoC, metals and chlorine SRE testing	Y			3	3	1	CT				1,073		1,061		1,033					1,056
21	313C1	8/8/1992	MAX HW FEED,MAX RAW MATERIAL	Y			3	3	2	CT				241		1,371		456					689
22	314C11	5/1/1999	CoC, metals SRE	Y			3	3	1	CT				911		407		427					581
23	314C3	5/1/1995	MAX HW FEED,MAX RAW MATERIAL	Y			3	3	2	CT				37		44		25					35
24	314C1	8/8/1992	MAX HW FEED,MAX RAW MATERIAL	Y			3	3	3	CT				1,512		1,653		1,832					1,666
25	336C12	5/1/1999	COC, Metals SRE	Y			3	3	1	NA						2		3					4
26	336C3	5/1/1995		L			3	3	2	CT				32		22		47					34
27	474C10	5/1/1999	COC, Metals SRE	Y			3	3	1	CT				68		104		147					106
28	474C1	6/1/1993	?	Y			3	3	2	CT				63		76		95					78
29	476C11	12/1/1999	CoC, high temperature metals and chlorine testing	Y			3	3	1	CT				390		434		601					475
30	476C1	2/1/1993	?	Y			3	3	2	CT				730		840		976					849
31	307C13	7/1/2001	Risk Burn, metal feeds equiv. to Jan '97 permit	N					1	NA				1		1		1					1
32	307C14	7/1/2001	Risk Burn, metal feeds equiv. to June '01 permit	N					1	NA				1		1		1					1
33	307C15	7/1/2001	Risk Burn, lower FF temp	N					1	NA				2		2		3					3
34	479C1	6/1/1990	100% LOW GRADE FUEL (LGF)	N					1	N				13		11		13			15		13
35	479C2	6/1/1990	100% COAL	N					1	NA				8		9		6					7
36	307C12	5/1/2000	Risk Burn, elevated waste feed rates, maximum tem	Y			3	3	2	NA				4		4		3					4
37	307C11	4/1/1999	Trial Burn, elevated operating temperature, metals s	Y			3	3	3	NA				13		5		5					7
38	307C1	12/1/1992	CoC, LOW COMB TEMP, LOW HALOGEN FEED	Y			3	3	4	NA				15		10		7			9		10
39	307C2	12/1/1992	CoC, HIGH COMB TEMP, HIGH HALOGEN FEED	Y			3	3	4	NA				8		12		5			6		7
40	307C3	12/1/1992	CoC, LOW COMB TEMP, HIGH HALOGEN FEED, IY	Y			3	3	4	NA				7		2		5			3		4
41	307C4	12/1/1992	CoC, HIGH COMB TEMP, HIGH HALOGEN FEED, Y	Y			3	3	4	NA				3		3		6					4

LWAK, SVM

	2	61	62	63	64	65	66	67	68	69	70	71	82	83	86	87	88	89	90	91	92	93	104	105	108	109	110	113	
2	Cond ID	SVM SRE			SVM SRE (%)					SVM SRE Used for Ranking Purposes (%)					SVM Feedrate MTEC Cond Avg (ug/dscm)														
3	Number	Campaign	Rating	Comment	R1	R2	R3	R4	Cond Avg	R1	R2	R3	R4	Cond Avg	HW	Spike	RM	Total											
4		Number																											
5																													
6	307C13		1 N			99.9985		99.9983		99.9986				99.9984		99.9985		99.9983		99.9986				99.9984		39,837		21,442	61,278
7	307C14		1 N			99.9986		99.9980		99.9990				99.9986		99.9986		99.9980		99.9990				99.9986		40,145		19,055	59,200
8	307C15		1 N			99.9953		99.9957		99.9940				99.9949		99.9953		99.9957		99.9940				99.9949		34,802		15,077	49,878
9	307C12		2 N			99.9959		99.9956		99.9969				99.9962		99.9959		99.9956		99.9969				99.9962		4,270	68,645	22,003	94,918
10	307C11		3 CT			99.9744		99.9932		99.9933				99.9884		99.9744		99.9932		99.9933				99.9884		9,542	32,313	22,380	64,235
11	307C1		4 CT			99.9768		99.9842		99.9881		99.9859		99.9837		99.9768		99.9842		99.9881		99.9859		99.9837		921	46,610	15,069	62,600
12	307C2		4 IB			99.9874		99.9850		99.9926		99.9916		99.9889		99.9874		99.9850		99.9926		99.9916		99.9889		962	50,039	16,677	67,678
13	307C3		4 IB			99.9912		99.9959		99.9933		99.9969		99.9944		99.9912		99.9959		99.9933		99.9969		99.9944		10,292	46,160	18,040	74,502
14	307C4		4 IB			99.9959		99.9958		99.9920				99.9945		99.9959		99.9958		99.9920				99.9945		1,606	36,160	16,987	70,790
15	311C10		1 CT			99.9981		99.9996		99.9990				99.9989		99.9981		99.9996		99.9990				99.9989		1,210	349,037	10,865	361,112
16	311C1		2 CT			99.9519		99.8812		99.7616				99.8624		99.9519		99.8812		99.7616				99.8624		11,081	357,793	6,327	375,201
17	312C10		1 CT			99.9841		99.9774		99.9778				99.9794		99.9841		99.9774		99.9778				99.9794		1,652	320,543	13,002	335,197
18	312C2																												
19	312C1		3 CT		>	99.9648	>	99.8620	>	99.9007			>	99.9108	>	99.9648	>	99.8620	>	99.9007			>	99.9108		2,153	454,549	1,475	458,177
20	313C11		1 CT			99.7763		99.7772		99.7897				99.7812		99.7763		99.7772		99.7897				99.7812		821	466,528	15,164	482,513
21	313C1		2 CT			99.9597		99.8250		99.9395				99.9032		99.9597		99.8250		99.9395				99.9032					711,820
22	314C11		1 CT			99.8147		99.8867		99.8660				99.8508		99.8147		99.8867		99.8660				99.8508		2,867	370,298	16,572	389,737
23	314C3		2 CT			99.9938		99.9924		99.9957				99.9940		99.9938		99.9924		99.9957				99.9940		573,863		13,322	587,185
24	314C1		3 CT			99.7847		99.7538		99.7454				99.7613		99.7847		99.7538		99.7454				99.7613		13,013	665,146	19,602	697,761
25	336C12		1 NA	taken from 311C		99.9981		99.9996		99.9990				99.9989		99.9981		99.9996		99.9990				99.9989		1,210	349,037	10,865	361,112
26	336C3																												
27	474C10		1 CT			99.9834		99.9728		99.9611				99.9727		99.9834		99.9728		99.9611				99.9727		1,563	376,146	10,482	388,191
28	474C1		2 CT			99.9939		99.9884		99.9894				99.9909		99.9939		99.9884		99.9894				99.9909		745,562		115,185	860,747
29	476C11		1 CT			99.9001		99.8841		99.8402				99.8751		99.9001		99.8841		99.8402				99.8751		371	366,943	12,868	380,181
30	476C1		2 CT			99.9019		99.9031		99.8925				99.8989		99.9019		99.9031		99.8925				99.8989		9,299	808,971	21,389	839,658
31	307C13		1 NA	Data in lieu		99.9985		99.9983		99.9986				99.9984		99.9985		99.9983		99.9986				99.9984		39,837		21,442	61,278
32	307C14		1 NA	Data in lieu		99.9986		99.9980		99.9990				99.9986		99.9986		99.9980		99.9990				99.9986		40,145		19,055	59,200
33	307C15		1 NA	Data in lieu		99.9953		99.9957		99.9940				99.9949		99.9953		99.9957		99.9940				99.9949		34,802		15,077	49,878
34	479C1																												
35	479C2																												
36	307C12		2 NA	Data in lieu		99.9959		99.9956		99.9969				99.9962		99.9959		99.9956		99.9969				99.9962		4,270	68,645	22,003	94,918
37	307C11		3 NA	Data in lieu		99.9744		99.9932		99.9933				99.9884		99.9744		99.9932		99.9933				99.9884		9,542	32,313	22,380	64,235
38	307C1		4 NA	Data in lieu		99.9768		99.9842		99.9881		99.9859		99.9837		99.9768		99.9842		99.9881		99.9859		99.9837		921	46,610	15,069	62,600
39	307C2		4 NA	Data in lieu		99.9874		99.9850		99.9926		99.9916		99.9889		99.9874		99.9850		99.9926		99.9916		99.9889		962	50,039	16,677	67,678
40	307C3		4 NA	Data in lieu		99.9912		99.9959		99.9933		99.9969		99.9944		99.9912		99.9959		99.9933		99.9969		99.9944		10,292	46,160	18,040	74,502
41	307C4		4 NA	Data in lieu		99.9959		99.9958		99.9920				99.9945		99.9959		99.9958		99.9920				99.9945		1,606	36,160	16,987	70,790

LWAK, SVM

	2	114	115	116	117	118	119	120	121	138	139	155	156	157	159	161	163	165	173	175	177	179	181	189
2	Cond ID	SVM Feedrate Total (ug/dscm)										Thermal Emission Rating			SVM HW Thermal Emiss (lb/10 ¹² Btu)					SVM in HW (lb/10 ⁹ Btu)				
3	Number	R1	R2	R3	R4	Cond Avg	Camp No	Rating	Rating	Comments	R1	R2	R3	R4	Cond Avg	R1	R2	R3	R4	Cond Avg				
4	ND	ND	ND	ND	ND	ND	No																	
5																								
6	307C13	69,886	56,547	57,401		61,278																		
7	307C14	59,784	55,288	62,528		59,200																		
8	307C15	46,903	45,194	57,538		49,878																		
9	307C12	97,665	86,541	100,547		94,918																		
10	307C11	49,383	75,563	67,761		64,235		1 CT			13.36	5.23	3.63		7.41	52.15	77.33	54.52					61.34	
11	307C1	65,029	62,813	61,286		61,271		62,600		2 CT	12.02	7.72	6.31		7.27	8.33	51.92	48.85	53.18		51.46		51.35	
12	307C2	63,650	77,112	61,849		68,100		67,678		2 IB	7.15	8.30	3.80		4.83	6.02	56.65	55.26	51.20		57.26		55.09	
13	307C3	79,953	55,878	67,368		94,807		74,502		2 IB	6.12	2.81	4.34		3.26	4.14	69.96	68.42	64.80		104.47		76.91	
14	307C4	65,987	70,973	75,410		70,790		361,112		2 IB	2.61	2.26	4.12		3.00	64.33	53.83	51.73					56.63	
15	311C10	382,947	368,347	332,043		361,112		361,112		1 CT	8.73	2.18	5.04		5.32	453.17	502.88	493.59					483.21	
16	311C1	372,601	355,842	397,161		375,201		375,201		2 CT	177.09	549.54	1,075.17		600.60	367.86	462.43	450.99					427.09	
17	312C10	282,622	331,161	391,810		335,197		335,197		1 CT	42.34	77.92	86.35		68.87	265.92	344.23	388.79					332.98	
18	312C2																							
19	312C1	1 484,485	0 443,102	0 446,943		0 458,177		458,177		2 CT	133.01	536.13	388.95		352.70	377.73	388.62	391.55					385.97	
20	313C11	479,794	476,258	491,486		482,513		482,513		1 CT	1,128.36	1,242.99	1,017.18		1,129.51	504.35	557.91	483.76					515.34	
21	313C1	598,839	783,225	753,395		711,820		711,820		2 CT	212.81	1,027.84	388.10		542.91	528.02	587.28	641.81					585.70	
22	314C11	491,656	359,096	318,459		389,737		389,737		1 CT	933.17	390.04	449.62		590.94	503.70	344.27	335.56					394.51	
23	314C3	593,937	575,746	591,870		587,185		587,185																
24	314C1	702,238	671,413	719,632		697,761		697,761		3 CT	1,053.35	1,081.10	1,277.85		1,137.44	489.29	439.12	501.90					476.77	
25	336C12	382,947	368,347	332,043		361,112		361,112		NA					5.52	453.17	502.88	493.59					483.21	
26	336C3																							
27	474C10	407,206	380,454	376,912		388,191		388,191		1 CT	66.49	85.53	115.42		89.15	399.80	314.15	296.82					336.92	
28	474C1	1,037,186	649,735	895,319		860,747		860,747		2 CT	43.53	72.65	78.48		64.89	715.91	623.76	738.87					692.85	
29	476C11	390,425	374,124	375,994		380,181		380,181		1 CT	354.55	403.31	558.95		438.93	355.03	348.04	349.85					350.98	
30	476C1	744,225	866,756	907,994		839,658		839,658		2 CT	701.22	444.48	896.85		680.85	714.67	458.73	834.50					669.30	
31	307C13	69,886	56,547	57,401		61,278		61,278																
32	307C14	59,784	55,288	62,528		59,200		59,200																
33	307C15	46,903	45,194	57,538		49,878		49,878																
34	479C1																							
35	479C2																							
36	307C12	97,665	86,541	100,547		94,918		94,918																
37	307C11	49,383	75,563	67,761		64,235		64,235		3 NA	13.36	5.23	3.63		7.41	52.15	77.33	54.52					61.34	
38	307C1	65,029	62,813	61,286		61,271		62,600		4 NA	12.02	7.72	6.31		7.27	8.33	51.92	48.85	53.18		51.46		51.35	
39	307C2	63,650	77,112	61,849		68,100		67,678		4 NA	7.15	8.30	3.80		4.83	6.02	56.65	55.26	51.20		57.26		55.09	
40	307C3	79,953	55,878	67,368		94,807		74,502		4 NA	6.12	2.81	4.34		3.26	4.14	69.96	68.42	64.80		104.47		76.91	
41	307C4	65,987	70,973	75,410		70,790		70,790		4 NA	2.61	2.26	4.12		3.00	64.33	53.83	51.73					56.63	