

ATTACHMENT L
EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. HW-50089

This table lists the maximum allowable emission rates and all sources of air contaminants on the applicant's property covered by this permit. The emission rates shown are those derived from information submitted as part of the application for permit and are the maximum rates allowed for these facilities. Any proposed increase in emission rates may require an application for a modification of the facilities covered by this permit.

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source		Air Contaminant		<u>Emission Rates *</u>	
	Name (2)	Name (3)	lb/hr	TPY		
E-1	Carbon Adsorption Vent			VOC		23.50
E-2	Carbon Adsorption Vent			VOC		1.40
E-3	Carbon Adsorption Vent			VOC		3.80
E-4	Incinerator Stacks			(See Table 1)		
F-1	N Landfill (Inactive Area)			VOC		<0.10
F-2	N Landfill (Active Area)			VOC		22.00
F-3	N Landfill (Exposed Area)			VOC		31.80
				PM	0.50	1.00
F-4	Paved Road (4)			PM	0.90	1.45
F-5	Unpaved Road (4)			PM	1.10	1.65
F-6	Pit Excavation			PM	0.36	1.56

TABLE 1, EMISSION POINT E-4
EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Air Contaminant	Incinerator Train No. 1		Incinerator Train No. 2		Incinerator Trains No. 1 and 2		
	lb/hr	TPY	lb/hr	TPY	lb/hr	TPY	
NO _x		17.30		69.70		25.80	100.80
CO		13.60		54.70		20.40	82.10
SO ₂		6.40		25.80		9.60	38.70
PM		23.94		96.50		35.91	144.67
HCl		4.00		17.52	4.00	17.52	8.00
Cl ₂		0.25		1.01	0.38	1.53	0.63
As	0.05	0.22	0.05	0.22	0.09	0.41	
Ag		0.05		0.22	0.05	0.22	0.09
Ba		2.80		12.09	2.80	12.09	4.50
Be		0.005		0.02	0.005	0.02	0.01
Cd	0.05	0.22	0.05	0.22	0.10	0.44	
Cr	0.05	0.22	0.05	0.22	0.09	0.41	
Cu		0.41	1.66	0.62	2.49	1.03	4.15
Fe		1.65		6.65	2.48	9.98	4.13
Hg		0.28		1.21	0.28	1.21	0.45
Ni		0.03		0.12	0.05	0.20	0.08
Pb		7.20		31.54	6.80	29.78	12.76
Sb		2.80		12.09	2.80	12.09	4.50
Tl		0.50		2.02	0.50	2.02	0.93
V		0.10		0.42	0.15	0.62	0.26
Vinyl Chloride		0.45		1.81	0.67	2.70	1.12
Total Organics	----	0.85		2.29	----	3.14	----
Total Dioxins		1.37E-6		5.52E-6	2.05E-6	8.28E-6	3.42E-6
Total Furans		2.97E-5		1.2E-4		4.46E-5	1.80E-4
Total PCB	2.35E-3	9.47E-3	----	----	2.35E-3	9.47E-3	

- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name. For fugitive sources use area name or fugitive source name.

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- (3) NO_x - total oxides of nitrogen
CO - carbon monoxide
SO₂ - sulfur dioxide
VOC - volatile organic compounds as defined in General Rule 101.1
PM - particulate matter
HCl - hydrogen chloride
Cl₂ - chlorine
Ag - silver
As - arsenic
Ba - barium
Be - beryllium
Cd - cadmium
Cr - chromium
Cu - copper
Fe - iron
Hg - mercury
Ni - nickel
Pb - lead
PCB - polychlorinated biphenyls
Sb - antimony
Tl - thallium
V - vanadium
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

Hrs/day 24 Days/week 7 Weeks/year 52 or Hrs/year 8,760