

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 Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			<u>lb/hr</u>	<u>TPY</u>
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

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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			<u>lb/hr</u>	<u>TPY</u>
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

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TABLE 1, EMISSION POINT E-4 (5)

Air Contaminant	Incinerator Train No. 1 lb/hr	TPY	Incinerator Train No. 2 lb/hr	TPY	Incinerator Trains No. 1 and 2 lb/hr	TPY
NO _x	134.00	---	134.00	---	---	261.80
CO	13.60	54.70	20.40	82.10	34.00	136.80
SO ₂	6.40	25.80	9.60	38.70	16.00	65.00
PM	23.94	96.50	35.91	144.67	59.85	241.17
HCl	4.00	17.52	4.00	17.52	8.00	35.04
Cl ₂	0.25	1.01	0.38	0.44	0.63	1.45
As	0.03	0.14	0.03	0.14	0.06	0.24
Ag	0.05	0.22	0.05	0.22	0.09	0.41
Ba	2.80	12.09	2.80	12.09	4.50	19.71
Be	0.005	0.02	0.005	0.02	0.01	0.04
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	6.63
Hg	0.28	1.21	0.28	1.21	0.45	1.97
Ni	0.03	0.12	0.05	0.20	0.08	0.32
Pb	1.50	6.04	1.42	5.72	2.50	10.07
Sb	2.80	12.09	2.80	12.09	4.50	19.71
Tl	0.50	2.02	0.50	2.02	0.93	4.04
V	0.10	0.42	0.15	0.62	0.26	1.04
Vinyl Chloride	0.45	1.81	0.67	2.70	1.12	4.51
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	1.38E-5
Total Furans	2.97E-5	1.20E-4	4.46E-5	1.80E-4	7.43E-5	3.00E-4
Total PCB	2.35E-3	9.47E-3	---	---	35E-3	9.47E-3

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- (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.
 - (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.
 - (5) Compliance with yearly emission limits for this emission source shall be based on a rolling 12-month period rather than the calendar year.
- * 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

Dated _____