

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. HW-50358

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 *	Source	Air Contaminant	<u>Emission Rates</u>	
Point No. (1)	Name (2)	Name (3)	<u>lb/hr</u>	<u>TPY</u>
<b>Without Thermal Oxidizer on Stabilization Building</b>				
EPN-1	Stabilization Building	VOC	15.24	66.74
	Stack (5)	PM <sub>10</sub>	8.66	19.20
<b>With Thermal Oxidizer on Stabilization Building</b>				
EPN-1	Stabilization Building	VOC	10.73	47.00
	Stack (5)	HCl	200.00	50.00
		HF	35.04	100.00
		NO <sub>x</sub>	4.40	19.30
		CO	2.17	9.50
		SO <sub>2</sub>	200.02	100.00
		PM <sub>10</sub>	8.66	19.20
EPN-2	Bin Storage Areas			
	BS-1 (Non-Haz)	VOC	100.00	100.30
	BS-2 (LDR-Haz)	VOC	0.87	3.81
EPN-2A	Bin Storage Enclosed-Building			
	BS-3 (Non-Haz)	VOC	22.80	100.00
	BS-4 (LDR-Haz)	VOC	0.04	0.17
EPN-3	Drum Opening Area DO-1	VOC	1.50	6.80
EPN-3A	Railcar Drum Opening Area DO-2	VOC	1.50	6.80
EPN-4	Landfill LF-1,LF-2,LF-3; VOC		4.94	21.63
	Overburden Removal OR-1,	PM <sub>10</sub> (6)		78.34

75.22

OR-2, OR-3, OR-4, OR-5;  
Clay Mining CM-1, CM-2,  
CM-3, CM-4, CM-5;  
Clay Liner CL-1, CL-2,  
CL-3, CL-4;  
Landfill Operation LO-1,  
LO-2, LO-3;  
Clay Cap Construction CC-1,  
CC-2, CC-3

Permit No. HW-50358  
Page 2

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Emission *	Source	Air Contaminant	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u> lb/hr		<u>TPY</u>
EPN-4A	Small Landfill SF-1, SF-2, SF-3; Overburden Removal OR-2, OR-3; Clay Mining CM-1, CM-2, CM-3; Clay Liner CL-1, CL-2, CL-3; Landfill Operation LO-1, LO-2; Clay Cap Construction CC-1, CC-2	VOC PM <sub>10</sub>	4.94 32.08	21.63 7.19
EPN-5A	Leachate Tank LT-1	VOC	0.19	1.83
EPN-5B	Leachate Tank LT-3	VOC	0.27	1.20
EPN-5B	Leachate Tank LT-4	VOC	<0.01	0.03
EPN-6	Truck Loading from Leachate Tank TL-1	VOC	0.04	0.18
EPN-7	Equipment Fugitives EF-1 (4)	VOC	0.23	1.01
EPN-8	Overburden Removal OR-6; 7.37 Clay Mining CM-6;	PM <sub>10</sub> (6)		

Clay Liner CL-5;  
 Landfill Operation LO-4;  
 Clay Cap Construction CC-4;  
 Facility Operation FO-3

EPN-9	Railcar Storage Area RRC-1, RRC-2	VOC	100.19	100.84
EPN-10	Bulk Waste Railcar Unloading RRC-3, RRC-4 0.04	VOC PM <sub>10</sub>	0.05 <0.01	0.20 <0.01
EPN-11	Facility Operation FO-4	PM <sub>10</sub>	<0.01	0.04

- (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) PM<sub>10</sub> - Particulate matter less than 10 microns in diameter  
VOC - Volatile organic compounds as defined in General Rule 101.1  
NO<sub>x</sub> - Total oxides of nitrogen  
SO<sub>2</sub> - Sulfur dioxide  
CO - Carbon monoxide  
HCl - Hydrogen chloride  
HF - Hydrogen fluoride  
(4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.  
(5) Includes emissions from Baghouses A and B and the thermal oxidizer.  
(6) Short-term emissions from roads are not included in the 1b/hr limitations.

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

\_\_\_\_\_ Hrs/day \_\_\_\_\_ Days/week \_\_\_\_\_ Weeks/year or 8,760  
Hrs/year

Dated\_\_\_\_\_