

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 48356

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> | |
|----------------------|---------------------|------------------|-----------------------|------------|
| <u>Point No. (1)</u> | <u>Name (2)</u> | <u>Name (3)</u> | <u>lb/hr</u> | <u>TPY</u> |
| ** | | | | |
| F-DP-M02 | Abrasive Blasting | PM | 3.94 | 2.43 |
| | | PM ₁₀ | 0.48 | 0.29 |
| DP-W01A | Clarifier Thickener | VOC (6) | 0.32 | 1.38 |
| | | Acetone | 0.03 | 0.10 |
| | | VCM | | (7) |
| | | HAP | | (8) |
| DP-W01B | North Storage Tank | VOC (6) | 0.74 | 3.25 |
| | | Acetone | 0.09 | 0.38 |
| | | VCM | | (7) |
| | | HAP | | (8) |
| DP-W01C | South Storage Tank | VOC (6) | 0.75 | 3.25 |
| | | Acetone | 0.09 | 0.38 |
| | | VCM | | (7) |
| | | HAP | | (8) |
| DP-W01D | Rapid Mix Basin | VOC (6) | 0.74 | 3.23 |
| | | Acetone | 0.01 | 0.03 |
| | | VCM | | (7) |
| | | HAP | | (8) |
| DP-W01E | Slow Mix Basin | VOC (6) | 0.26 | 1.15 |
| | | Acetone | 0.01 | 0.02 |
| | | VCM | | (7) |
| | | HAP | | (8) |
| DP-W01F | Primary Clarifier | VOC (6) | 0.07 | 0.34 |
| | | Acetone | 0.02 | 0.05 |
| | | VCM | | (7) |
| | | HAP | | (8) |

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AIR CONTAMINANTS DATA

| Emission * | Source | Air Contaminant | <u>Emission Rates</u> | |
|----------------------|------------------------------|-----------------|-----------------------|------------|
| <u>Point No. (1)</u> | <u>Name (2)</u> | <u>Name (3)</u> | <u>lb/hr</u> | <u>TPY</u> |
| ** | | | | |
| DP-W01G | Aeration Basin | VOC (6) | 0.25 | 1.08 |
| | | Acetone | 0.01 | 0.02 |
| | | VCM | | (7) |
| | | HAP | | (8) |
| DP-W01H | Secondary Clarifier | VOC (6) | 0.01 | 0.03 |
| | | Acetone | 0.01 | 0.01 |
| | | VCM | | (7) |
| | | HAP | | (8) |
| F-DPU-02 | Utilities Area Fugitives (4) | Freon-500 | 0.46 | 2.00 |

- (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) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code ' 101.1
 NO_x - total oxides of nitrogen
 CO - carbon monoxide
 SO₂ - sulfur dioxide
 PM - particulate matter, suspended in the atmosphere, including PM₁₀.
 PM₁₀ - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns in emitted.
 VCM - vinyl chloride monomer
 HAP - unspeciated hazardous air pollutants
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) NO_x emissions are effective after new Burner upgrades as required by Special Condition No. 2.
- (6) Total VOCs including VCM and other hazardous air pollutants (HAPs)
- (7) Total for VCM emissions from the wastewater system is limited to 1.95 tons per year.
- (8) Total for non-VCM HAP emissions from the wastewater system is limited to 1.63 tons per year.

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

Permit Number 48356
Page 3

8,760 Hrs/year

** Annual emissions are based on a rolling 12 month average.

Dated: _

February 10, 2011