

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 30175

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<br>*        | 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> |
| 1                    | Medical Waste Incinerator | PM              | .24                   | .95        |
|                      |                           | CO              | .42                   | 1.51       |
|                      |                           | VOC             | .01                   | .05        |
|                      |                           | NO <sub>x</sub> | 2.9                   | 11.3       |
|                      |                           | SO <sub>2</sub> | .86                   | 3.4        |
|                      |                           | HCl             | .21                   | .77        |
|                      |                           | TEQ             | 1.35E-08              |            |
|                      |                           |                 | 5.26E-08              |            |
|                      |                           | As              | 4.5E-05               | 1.8E-04    |
|                      |                           | Cd              | 3.6E-04               | 1.4E-03    |
|                      |                           | Cr              | 1.8E-04               | 7.0E-04    |
|                      |                           | Pb              | 7.1E-04               | 2.8E-03    |
|                      |                           | Hg              | 3.3E-03               | 1.3E-02    |
|                      |                           |                 |                       |            |
| 2                    | Medical Waste Incinerator | PM              | .24                   | .95        |
|                      |                           | CO              | .42                   | 1.51       |
|                      |                           | VOC             | .01                   | .05        |
|                      |                           | NO <sub>x</sub> | 2.9                   | 11.3       |
|                      |                           | SO <sub>2</sub> | .86                   | 3.4        |
|                      |                           | HCl             | .21                   | .77        |
|                      |                           | TEQ             | 1.35E-08              |            |
|                      |                           |                 | 5.26E-08              |            |
|                      |                           | As              | 4.5E-05               | 1.8E-04    |
|                      |                           | Cd              | 3.6E-04               | 1.4E-03    |
|                      |                           | Cr              | 1.8E-04               | 7.0E-04    |
|                      |                           | Pb              | 7.1E-04               | 2.8E-03    |
|                      |                           | Hg              | 3.3E-03               | 1.3E-02    |
|                      |                           |                 |                       |            |

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## AIR CONTAMINANTS DATA

| Emission<br>*        | 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> |
| 3                    | Medical Waste Incinerator | PM              | .24                   | .95        |
|                      |                           | CO              | .42                   | 1.51       |
|                      |                           | VOC             | .01                   | .05        |
|                      |                           | NO <sub>x</sub> | 2.9                   | 11.3       |
|                      |                           | SO <sub>2</sub> | .86                   | 3.4        |
|                      |                           | HCl             | .21                   | .77        |
|                      |                           | TEQ             | 1.35E-08              |            |
|                      |                           |                 | 5.26E-08              |            |
|                      |                           | As              | 4.5E-05               | 1.8E-04    |
|                      |                           | Cd              | 3.6E-04               | 1.4E-03    |
|                      |                           | Cr              | 1.8E-04               | 7.0E-04    |
|                      |                           | Pb              | 7.1E-04               | 2.8E-03    |
|                      |                           | Hg              | 3.3E-03               | 1.3E-02    |
| 4                    | Medical Waste Incinerator | PM              | .24                   | .95        |
|                      |                           | CO              | .42                   | 1.51       |
|                      |                           | VOC             | .01                   | .05        |
|                      |                           | NO <sub>x</sub> | 2.9                   | 11.3       |
|                      |                           | SO <sub>2</sub> | .86                   | 3.4        |
|                      |                           | HCl             | .21                   | .77        |
|                      |                           | TEQ             | 1.35E-08              |            |
|                      |                           |                 | 5.26E-08              |            |
|                      |                           | As              | 4.5E-05               | 1.8E-04    |
|                      |                           | Cd              | 3.6E-04               | 1.4E-03    |
|                      |                           | Cr              | 1.8E-04               | 7.0E-04    |
|                      |                           | Pb              | 7.1E-04               | 2.8E-03    |
|                      |                           | Hg              | 3.3E-03               | 1.3E-02    |

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

- (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 General Rule 101.1
  - NO<sub>x</sub> - total oxides of nitrogen
  - SO<sub>2</sub> - sulfur dioxide
  - PM - particulate matter
  - CO - carbon monoxide
  - HCl - hydrogen chloride
  - TEQ - TE 2378 TCDD - all polychlorinated dioxins and furans, expressed as toxic equivalent 2378 tetrachloro, para-dibenzodioxin
  - Pb - lead
  - Hg - mercury
  - As - arsenic
  - Cd - cadmium
  - Cr - chromium
- (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:

\_\_\_\_\_ 24 \_\_\_\_\_ Hrs/day \_\_\_\_\_ 7 \_\_\_\_\_ Days/week \_\_\_\_\_ 52 \_\_\_\_\_ Weeks/year or \_\_\_\_\_  
Hrs/year

EMISSIONS SOURCE INFORMATION AND ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

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

Dated \_\_\_\_\_