

## **Appendix D**

### **Waste Gas Source Test Data**



## Waste Gas Source Test Data

|                        | lb/MW-hr |      |      |
|------------------------|----------|------|------|
|                        | NOx      | CO   | VOC* |
| Proposed 2008 Standard | 0.5      | 6.0  | 1.0  |
| Proposed 2013 Standard | 0.07     | 0.10 | 0.02 |

| Landfill gas fueled |             | lb/MW-hr    |             |  |
|---------------------|-------------|-------------|-------------|--|
|                     | NOx         | CO          | VOC*        |  |
| Microturbines       |             |             |             |  |
| 1                   | 0.20        | 0.50        | 0.09        |  |
| 2                   | 0.20        | 0.10        | 0.16        |  |
| 3                   | 0.16        | 0.17        | 0.19        |  |
| 4                   | 0.14        | 0.46        | 0.16        |  |
| 5                   | 0.12        | 0.37        | 0.19        |  |
| 6                   | 0.12        | 0.36        | 0.14        |  |
| 7                   | 0.09        | 0.40        | 0.19        |  |
| 8                   | 0.06        | 0.06        | 0.13        |  |
| Fuel Cells          |             |             |             |  |
| 1                   | 0.01        | 0.02        | NA          |  |
| averages            | <b>0.12</b> | <b>0.27</b> | <b>0.16</b> |  |

| Digester gas fueled |             | lb/MW-hr    |             |  |
|---------------------|-------------|-------------|-------------|--|
|                     | NOx         | CO          | VOC*        |  |
| Microturbines       |             |             |             |  |
| 1                   | 0.19        | 0.13        | 0.22        |  |
| 2                   | 0.15        | 3.17        | 0.12        |  |
| 3                   | 0.08        | 9.00        | 0.45        |  |
| 4                   | 0.07        | 4.67        | 0.15        |  |
| Fuel Cells          |             |             |             |  |
| 1                   | 0.01        | 0.03        | 0.70        |  |
| averages            | <b>0.10</b> | <b>3.40</b> | <b>0.33</b> |  |

| Oil field waste gas fueled |             | lb/MW-hr    |             |  |
|----------------------------|-------------|-------------|-------------|--|
|                            | NOx         | CO          | VOC*        |  |
| Microturbines              |             |             |             |  |
| 1                          | 0.20        | 0.19        | 0.20        |  |
| averages                   | <b>0.20</b> | <b>0.19</b> | <b>0.20</b> |  |

\*VOCs listed as hexane