

**Table 6 B  
Gresh Meadows  
Greenhouse Gas (GHG)  
40 CFR Part 98  
PTE Emissions -Gas**

| Pollutant      | CAS #      | Table C1 EF |   | Residual Oil | Note 1<br>Global Warming Potential<br>(100 years) |
|----------------|------------|-------------|---|--------------|---|
|                |            | Natural Gas | Distillate Oil<br>kg CO <sub>2</sub> /mmBtu |              |   |
| Carbon Dioxide | 124-38-9   | 5.30E+01    | 7.40E+01                                    | 75.1         | 1   |
| Nitrous Oxide  | 10024-97-2 |             |   |              | 310   |
| Methane        | 74-82-8    |             |   |              | 21  |

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|                                       | Table C1                          |        |        | Table C2                         |        |        |                            |        |        |
|---------------------------------------|-----------------------------------|--------|--------|----------------------------------|--------|--------|----------------------------|--------|--------|
|                                       | Carbon Dioxide (CO <sub>2</sub> ) |        |        | Nitrous Oxide (N <sub>2</sub> O) |        |        | Methane (CH <sub>4</sub> ) |        |        |
|                                       | Natural Gas                       | #6-oil | #2-oil | Natural Gas                      | #6-oil | #2-oil | Natural Gas                | #6-oil | #2-oil |
| HHV 10 <sup>6</sup> Btu/ scf          | 0.001028                          |        |        | 0.001028                         |        |        | 0.001028                   |        |        |
| EF kg [Contam.] / 10 <sup>6</sup> Btu | 53.02                             | 75.1   | 73.96  | 0.0001                           | 0.006  | 0.006  | 0.001                      | 0.003  | 0.006  |
| HHV 10 <sup>6</sup> Btu/ gallon       |                                   | 0.15   | 0.138  |                                  | 0.15   | 0.15   |                            | 0.15   | 0.15   |

Conversion Factor Table A-2

|  |         |                         |            |
|--|---------|-------------------------|------------|
|  | Lbs/Kg  | Metric Tons /Short Tons | 2000       |
|  | 2.20462 | 0.90718                 | 2204.63414 |

|  |       |       |       |         |        |        |        |         |         |
|--|-------|-------|-------|---------|--------|--------|--------|---------|---------|
| EF lbs [Contam.] / 10 <sup>6</sup> Btu | 116.9 | 165.6 | 163.1 | 0.00022 | 0.0132 | 0.0132 | 0.0022 | 0.00661 | 0.01323 |
|--|-------|-------|-------|---------|--------|--------|--------|---------|---------|

**PTE Fuel Use**

|   |               |
|---|---------------|
| Nat Gas (SCF) - PTE Firing Rate           | 1,377,552,941 |
| Distillate Oil (Gal)-Emergency Generators |               |
| Distillate #2 Oil (Gal) - Boilers         |               |

| PTE Annual Emissions (Metric Tons) |                  |                 |          |
|------------------------------------|------------------|-----------------|----------|
| CO <sub>2</sub>                    | N <sub>2</sub> O | CH <sub>4</sub> |          |
| 91233                              | 0.17             | 2               |          |
| 0                                  | 0.00000          | 0.0000          |          |
| 0                                  | 0.000            | 0.00            |          |
| <b>Totals</b>                      | <b>91233</b>     | <b>0</b>        | <b>2</b> |

|                      | (Metric Tons/yr) |                  |                 |              | Notes |
|----------------------|------------------|------------------|-----------------|--------------|-------|
|                      | CO <sub>2</sub>  | N <sub>2</sub> O | CH <sub>4</sub> | Annual Total |       |
| Nat Gas (SCF)        | 91233            | 53               | 36              | 91322        | 2     |
| Distillate Oil (Gal) | 0                | 0.00             | 0.000           | 0            | 3     |
| #2-Oil (Gal)         | 0                | 0                | 0.000           | 0            | 2     |
| <b>Totals</b>        | <b>91233</b>     | <b>53</b>        | <b>36.14</b>    | <b>91322</b> |       |

g

2204.6 lbs/metric ton  
201135137 lbs CO<sub>2</sub>e/yr

**201332403**  
**201.33 X10<sup>6</sup> lbs.**

Notes:

- Global warming potentials are from Table A-1 Subpart A of Part 98.
- Part 98 Subpart C-98.30(a): Stationary Steam Generating Boilers
- Part 98 Subpart C-98.30(b)(2): Emergency Generators are Exempt

