Greenhouse Gas Emissions from Motor Vehicles

<table>
<thead>
<tr>
<th>Source</th>
<th>Annual CO₂ Emissions (tons/yr)</th>
<th>Annual CO₂E Emissions (metric tons/yr)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proposed Land Uses</td>
<td>8,346.5</td>
<td>7,970.3</td>
</tr>
</tbody>
</table>

1. Estimated emissions from URBEMIS2007
3. 1 metric ton = 1.102 tons
California State University, Hayward Campus Master Plan  
Greenhouse Gas Emissions from Area Sources

<table>
<thead>
<tr>
<th>GHG</th>
<th>Emission Factor (kg/MMBtu)</th>
<th>GWP</th>
</tr>
</thead>
<tbody>
<tr>
<td>CO₂</td>
<td>53.06</td>
<td>1</td>
</tr>
<tr>
<td>N₂O</td>
<td>0.0001</td>
<td>310</td>
</tr>
<tr>
<td>CH₄</td>
<td>0.0059</td>
<td>21</td>
</tr>
<tr>
<td>CO₂E (multiplier)</td>
<td>1.0029</td>
<td></td>
</tr>
</tbody>
</table>

Annual CO₂ and CO₂E (metric tons/yr)

<table>
<thead>
<tr>
<th>Proposed Land Uses</th>
<th>Annual CO₂ (tons/yr)²</th>
<th>Annual CO₂E (metric tons/yr)³</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1,092.3</td>
<td>994.1</td>
</tr>
</tbody>
</table>

Total: 994.1

2. Estimated CO₂ emissions from URBEMIS2007
3. 1 metric ton = 1.102 tons