

MPG

| Bus# | Feb-09 | Mar-09 | Apr-09 | May-09 | % of Fuel Savings | Fuel Used |
|------|--------|--------|--------|--------|-------------------|-----------|
| 43   | 7.5    | 8.7    | 8.5    | 8.5    | 13%               | 1619.3    |
| 213  | 7.0    | 8.0    | 8.0    | 8.2    | 17%               | 1077.0    |
| 224  | 6.6    | 6.4    | 7.4    | 7.6    | 15%               | 882.5     |
| 229  | 6.4    | 8.3    | 8.3    | 8.5    | 33%               | 803.6     |
| 252  | 6.6    | 6.9    | 7.2    | 7.0    | 5%                | 1205.3    |
| 263  | 4.1    | 5.8    | 6.0    | 5.9    | 45%               | 593.2     |
| 275  | 4.5    | 6.5    | 6.5    | 6.4    | 43%               | 605.5     |
| 287  | 5.6    | 7.7    | 7.5    | 7.9    | 40%               | 1045.6    |



Leander Independent School District  
2009 evaluation

**Average Fuel Savings for 8 buses**                      **26%**                      **Total**    **7,832**  
**Average Fuel Used per bus, per week.**                      **61.2 Gallons**

ECO Systems Distributor:  
**Rich Prilliman**  
**(512) 506-1946**

**Fuel Savings**

For 8 buses, each using on average 61.2 gallons of fuel per week, at \$1.98 per gallon, with a 26% reduction in fuel consumption, you will save \$252/week, \$1,084/month, and \$13,008/Year.

**Carbon Emissions**

With a 26% reduction in fuel consumption for the 8 buses, your total carbon<sup>1</sup> emissions would be reduced by 67 metric tons/year for diesel.

**FYI: 200 bus scenario**

**Fuel Savings**

For 200 buses, each using on average 61.2 gallons of fuel per week, at \$1.98 per gallon, with a 26% reduction in fuel consumption, you will save \$6,301/week, \$27,094/month, and \$325,128/year.

**Carbon Emissions**

With a 26% reduction in fuel consumption for the 200 vehicles, your total carbon<sup>1</sup> emissions would be reduced by 1,667 metric tons/year for diesel.

carbon<sup>1</sup> emissions - These are based only on the reduced fuel use, and don't include emissions reductions our product offers.

Leander I.S.D. 2009  
Eco System - Evaluation

MPG

| Vehicle# | Feb-09 | Mar-09 | Apr-09 | May-09 | % of Fuel Savings | Fuel Used |
|----------|--------|--------|--------|--------|-------------------|-----------|
| 45T      | 9.6    | 15.3   | 16.2   | 14.2   | 47%               | 489.9     |

Average Fuel Used per week. **30.6** Gallons

**Fuel Savings**

For 1 vehicle, using on average 30.6 gallons of fuel per week, at \$1.98 per gallon, with a 47% reduction in fuel consumption, you will save \$28/week, \$120/month, and \$1,440/year.

**Carbon Emissions**

With a 47% reduction in fuel consumption for the 1 vehicles, your total carbon<sup>1</sup> emissions would be reduced by 6.58 metric tons/year for gasoline.

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**FYI: 25 vehicle scenario**

**Fuel Savings**

For 25 vehicles, using on average 30.6 gallons of fuel per week, at \$1.98 per gallon, with a 47% reduction in fuel consumption, you will save \$712/week, \$3,062/month, and \$36,744/year.

**Carbon Emissions**

With a 47% reduction in fuel consumption for the 25 vehicles, your total carbon<sup>1</sup> emissions would be reduced by 165 metric tons/year for gasoline.

Carbon<sup>1</sup> emissions - These are based only on the reduced fuel use, and don't include emissions reductions our product offers.

**Leander I.S.D. 2009  
Eco System - Evaluation**

| <u>Vehicle#</u> | <u>Date</u> | <u>Mileage</u> | <u>Gallons</u> | <u>MPG</u> | <u>Bus#</u> | <u>Date</u> | <u>Mileage</u> | <u>Gallons</u> | <u>MPG</u> | <u>Bus#</u> | <u>Date</u> | <u>Mileage</u> | <u>Gallons</u> | <u>MPG</u> |  |  |
|-----------------|-------------|----------------|----------------|------------|-------------|-------------|----------------|----------------|------------|-------------|-------------|----------------|----------------|------------|--|--|
| 45T             | Feb. 1      | 215580         |                |            | 43          | Feb. 1      | 56505          |                |            | 213         | Feb. 1      | 195886         |                |            |  |  |
|                 | Feb. 28     | <u>216913</u>  |                |            |             | Feb. 28     | <u>59249</u>   |                |            |             | Feb. 28     | <u>197650</u>  |                |            |  |  |
|                 |             | 1333           | 138.4          | 9.6        |             |             | 2744           | 365.5          | 7.5        |             |             | 1764           | 250.8          | 7.0        |  |  |
|                 | 1-Mar       | 216913         |                |            |             | 1-Mar       | 59249          |                |            |             | 1-Mar       | 197650         |                |            |  |  |
|                 | 31-Mar      | <u>218304</u>  |                |            |             | 31-Mar      | <u>62360</u>   |                |            |             | 31-Mar      | <u>199502</u>  |                |            |  |  |
|                 |             | 1391           | 91.2           | 15.3       |             |             | 3111           | 355.6          | 8.7        |             |             | 1852           | 231.7          | 8.0        |  |  |
|                 | 1-Apr       | 218304         |                |            |             | 1-Apr       | 62360          |                |            |             | 1-Apr       | 199502         |                |            |  |  |
|                 | 30-Apr      | <u>220187</u>  |                |            |             | 30-Apr      | <u>66100</u>   |                |            |             | 30-Apr      | <u>202105</u>  |                |            |  |  |
|                 |             | 1883           | 116.2          | 16.2       |             |             | 3740           | 440            | 8.5        |             |             | 2603           | 324.6          | 8.0        |  |  |
|                 | 1-May       | 220187         |                |            |             | 1-May       | 66100          |                |            |             | 1-May       | 202105         |                |            |  |  |
|                 | 31-May      | <u>222232</u>  |                |            |             | 30-May      | <u>69980</u>   |                |            |             | 30-May      | <u>204317</u>  |                |            |  |  |
|                 |             | 2045           | 144.1          | 14.2       |             |             | 3880           | 458.2          | 8.5        |             |             | 2212           | 269.9          | 8.2        |  |  |
|                 |             | 489.9          |                |            |             | 1619.3      |                |                |            | 1077.0      |             |                |                |            |  |  |

| <u>Bus#</u> | <u>Date</u> | <u>Mileage</u> | <u>Gallons</u> | <u>MPG</u> | <u>Bus#</u> | <u>Date</u> | <u>Mileage</u> | <u>Gallons</u> | <u>MPG</u> | <u>Bus#</u> | <u>Date</u> | <u>Mileage</u> | <u>Gallons</u> | <u>MPG</u> |  |  |
|-------------|-------------|----------------|----------------|------------|-------------|-------------|----------------|----------------|------------|-------------|-------------|----------------|----------------|------------|--|--|
| 224         | Feb. 1      | 196276         |                |            | 229         | Feb. 1      | 19008          |                |            | 252         | Feb. 1      | 82810          |                |            |  |  |
|             | Feb. 28     | <u>197474</u>  |                |            |             | Feb. 28     | <u>19853</u>   |                |            |             | Feb. 28     | <u>84560</u>   |                |            |  |  |
|             |             | 1198           | 181.3          | 6.6        |             |             | 845            | 132.5          | 6.4        |             |             | 1750           | 263.2          | 6.6        |  |  |
|             | 1-Mar       | 197474         |                |            |             | 1-Mar       | 19853          |                |            |             | 1-Mar       | 84560          |                |            |  |  |
|             | 31-Mar      | <u>199046</u>  |                |            |             | 31-Mar      | <u>21604</u>   |                |            |             | 31-Mar      | <u>86719</u>   |                |            |  |  |
|             |             | 1572           | 246.4          | 6.4        |             |             | 1751           | 209.9          | 8.3        |             |             | 2159           | 312.8          | 6.9        |  |  |
|             | 1-Apr       | 199046         |                |            |             | 1-Apr       | 21604          |                |            |             | 1-Apr       | 86719          |                |            |  |  |
|             | 30-Apr      | <u>200783</u>  |                |            |             | 30-Apr      | <u>23514</u>   |                |            |             | 30-Apr      | <u>88911</u>   |                |            |  |  |
|             |             | 1737           | 236.1          | 7.4        |             |             | 1910           | 231.2          | 8.3        |             |             | 2192           | 304.5          | 7.2        |  |  |
|             | 1-May       | 200783         |                |            |             | 1-May       | 23514          |                |            |             | 1-May       | 88911          |                |            |  |  |
|             | 30-May      | <u>202445</u>  |                |            |             | 30-May      | <u>25458</u>   |                |            |             | 30-May      | <u>91187</u>   |                |            |  |  |
|             |             | 1662           | 218.7          | 7.6        |             |             | 1944           | 230            | 8.5        |             |             | 2276           | 324.8          | 7.0        |  |  |
|             |             | 882.5          |                |            |             | 803.6       |                |                |            | 1205.3      |             |                |                |            |  |  |

**Leander I.S.D. 2009  
Eco System - Evaluation**

| <u>Bus#</u> | <u>Date</u> | <u>Mileage</u> | <u>Gallons</u> | <u>MPG</u> | <u>Bus#</u> | <u>Date</u> | <u>Mileage</u> | <u>Gallons</u> | <u>MPG</u> | <u>Bus#</u> | <u>Date</u> | <u>Mileage</u> | <u>Gallons</u> | <u>MPG</u> |
|-------------|-------------|----------------|----------------|------------|-------------|-------------|----------------|----------------|------------|-------------|-------------|----------------|----------------|------------|
| 263         | Feb. 1      | 32834          |                |            | 275         | Feb. 1      | 12782          |                |            | 287         | Feb. 1      | 6406           |                |            |
|             | Feb. 28     | <u>33585</u>   |                |            |             | Feb. 28     | <u>13552</u>   |                |            |             | Feb. 28     | <u>7514</u>    |                |            |
|             |             | 751            | 183.4          | 4.1        |             |             | 770            | 171.1          | 4.5        |             |             | 1108           | 197            | 5.6        |
|             | 1-Mar       | 33585          |                |            |             | 1-Mar       | 13552          |                |            |             | 1-Mar       | 7514           |                |            |
|             | 31-Mar      | <u>34334</u>   |                |            |             | 31-Mar      | <u>14436</u>   |                |            |             | 31-Mar      | <u>9538</u>    |                |            |
|             |             | 749            | 130            | 5.8        |             |             | 884            | 136.5          | 6.5        |             |             | 2024           | 261.5          | 7.7        |
|             | 1-Apr       | 34334          |                |            |             | 1-Apr       | 14436          |                |            |             | 1-Apr       | 9538           |                |            |
|             | 30-Apr      | <u>35307</u>   |                |            |             | 30-Apr      | <u>15349</u>   |                |            |             | 30-Apr      | <u>11551</u>   |                |            |
|             |             | 973            | 163.3          | 6.0        |             |             | 913            | 140.6          | 6.5        |             |             | 2013           | 269.6          | 7.5        |
|             | 1-May       | 35307          |                |            |             | 1-May       | 15349          |                |            |             | 1-May       | 11551          |                |            |
|             | 30-May      | <u>35998</u>   |                |            |             | 30-May      | <u>16359</u>   |                |            |             | 30-May      | <u>14059</u>   |                |            |
|             |             | 691            | 116.5          | 5.9        |             |             | 1010           | 157.3          | 6.4        |             |             | 2508           | 317.5          | 7.9        |
|             |             |                | 593.2          |            |             |             |                | 605.5          |            |             |             |                | 1045.6         |            |

**Bottom Line: Estimate of Fuel Savings and Reduced Carbon**

|             |          |                  |                       |
|-------------|----------|------------------|-----------------------|
| <b>Fuel</b> | Diesel   | \$325,128        |                       |
|             | Gasoline | \$36,744         |                       |
|             | Total    | <b>\$361,872</b> | per year fuel savings |

|               |          |              |                   |
|---------------|----------|--------------|-------------------|
| <b>Carbon</b> | Diesel   | 1,667        | metric tons/year. |
|               | Gasoline | 165          | metric tons/year. |
|               | Total    | <b>1,832</b> | metric tons/year. |