



Sustainable Skylines - Dallas

DATE February 20, 2008

Dear Mayor Leppert, Environmental Protection Agency (EPA) Regional Administrator Greene, and North Central Texas Council of Governments (NCTCOG) Executive Director Eastland,

Environmental improvement is achieved through cooperative action. The da Vinci School is pleased to partner with the City of Dallas, US EPA, and NCTCOG to work towards implementing sustainable practices that help improve Dallas' air quality. Through the Dallas Sustainable Skylines Initiative, the da Vinci School pledges to support one or more of the following project categories:

Enhancing central city livability

Brief project description:

- **Build an early childhood facility that is a replicable model for healthy and sustainable construction. Everyone benefits when a building and its inhabitants operate in harmony with the surrounding environment.**

Proposed measurement of results:

- **Rainwater recapture reduces demand on city storm-water system**
- **Drought-tolerant landscape saves our valuable water resources**
- **Reduced demand for electricity for lighting and HVAC due to natural daylighting features and outstanding insulation.**
- **No use of pesticides that contaminate the water supply & environment**
- **Use of safe cleaning products that do not pollute the water supply**
- **Recycling or composting of disposables reduces demand for city services.**

Promoting green buildings and developments

Brief project description:

- **Build a LEED certified early childhood facility,**
- **Work with the City of Dallas and Sustainable Dallas for technical assistance in the final design and ongoing operation of our new campus**
- **Incorporate the SECO curriculum in our instruction & practice,**
- **Expand upon the SECO curriculum and SHARE activities that are geared specifically for the early childhood population,**
- **Invite other preschool programs to learn in our "building that teaches"**
- **Train high school and college students with an interest in environmental science, engineering and architecture to give tours of our facility at a time in their lives when they are making career decisions,**
- **Open our building for public tours and events in after-school hours**
- **Partner with the City of Dallas, the State of Texas, the EPA, Sustainable Skylines-Dallas and similar agencies to actively promote green building.**

Measurable Environmental Benefits

Initiative-guided projects

Voluntary Partnerships

Dallas

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Addressing Air Quality
...from the Ground, Up!



Sustainable Skylines - Dallas

Proposed measurement of results:

- *Reduced demand on utilities*
- *A new generation that is instilled with practices that support the health and sustainability of the environment*
- *An increased awareness in a wide range of population groups of the ways they can incorporate sustainable practices in their home, schools and work places*



Implementing and promoting renewable energy/energy efficiency

Brief project description:

- *We have been awarded a grant of solar panels from Green Mountain's Texas Big Sun Club. This will be used to educate children and the community as well as support renewable, clean energy.*
- *Add wind features designed for urban settings – again to support clean, sustainable energy as well as the educational value of this teaching tool*
- *Utilities services will be from 100% wind sources*

Proposed measurement of results:

- *CO2 emissions reduction from the use of renewable resources and clean energy is measurable.*



Reducing emissions from stationary and area sources

Brief project description:

Proposed measurement of results:



Reducing air emissions from off-road equipment

Brief project description:

Proposed measurement of results:

As members of the Dallas community, we recognize our responsibility to be good environmental stewards and manage our environmental impacts in a way that provides for a sustainable future. We look forward to building a sustainable Dallas with you.

Sincerely,

Mary Ann Greene, director - The da Vinci School

The **Dallas Sustainable Skylines Initiative** is a joint effort with the primary goal of implementing sustainable practices to help improve Dallas' air quality. Through Initiative-guided voluntary projects, the Initiative aims to achieve measurable environmental benefits—particularly the reduction of air emissions, but also the significant improvement of water and land quality—while simultaneously contributing to the vitality of the Dallas economy and the quality of life of Dallas' citizens. In the longer term, the Initiative aims to create a successful and reproducible program that serves as a model for other cities.

Addressing Air Quality
...from the Ground, UPT

Measurable Environmental Benefits

Initiative-guided projects

Voluntary Partnerships

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