

# COMMONWEALTH OF KENTUCKY

## WASTE TIRE MARKET DEVELOPMENT GRANT APPLICATION



### PURPOSE

This grant provides financial assistance to projects that develop beneficial end-use markets for waste tires generated in Kentucky



Division of Waste  
Management



Environmental and Public  
Protection Cabinet

## **ELIGIBILITY**

Private individuals, commercial entities operating within the Commonwealth of Kentucky, public school districts, private schools, municipalities, entities operating public parks, and state agencies are eligible to submit applications. Applications may come from an individual school within a public school district or individual park within a park district; however, the cabinet reserves the right to limit the number of grants a school or park district can receive. Prior recipients of waste tire grants are not eligible in this grant cycle.

*Note: The cabinet reserves the right to reject applications from anyone who has been convicted of defrauding the Commonwealth of Kentucky, has failed to honor a previous contractual agreement with the Commonwealth, has substantially failed to execute a previous project funded by the Commonwealth due to negligence, mismanagement, deception or has performed unsatisfactorily in the execution of any other previous grant or contract.*

## **GENERAL INFORMATION**

The cabinet is accepting grant proposals that promote the use of recycled waste tires for athletic fields, playgrounds, septic system drainage media, and tire derived fuel applications. To a limited degree, the cabinet will consider funding research and development proposals for experimental practices or technologies. The cabinet reserves the right to reject proposals that are inconsistent with the expressed market development objectives. The cabinet must approve all materials prior to purchase agreements.

## **LETTERS OF ENDORSEMENT**

Applicants should include letters of endorsement from the principal of the school or, if there is more than one school in a district applying, the superintendent should sign the application. In the case of a park application, the park director, mayor or county judge-executive, should submit the letter of endorsement.

## **FUNDING**

The grantee is responsible for funding the project. Grantees will be reimbursed only after all required documentation is submitted and approved by the cabinet project manager. Failure to comply with reporting requirements will result in delay or non-reimbursement by the cabinet. Funding for each grant project will be determined by the cabinet, and is subject to change on a yearly basis. The cabinet reserves the right to suspend the grant program to accommodate other programmatic changes or initiatives.

## **FORMAT**

Applications should be submitted in the following order:

1. Applicant Profile
2. Project Rationale
3. Material Detail
4. Promotion Detail
5. Scope of Work
6. Timetable
7. Budget Detail
8. Preliminary Project Design
9. Letters of Endorsement

## **SUBMISSION**

Applications that are mailed must be postmarked by Monday, January 31, 2005. Applications that are delivered to the cabinet must arrive by 4:00 p.m. on Monday, January 31, 2005. The original and two (2) copies of the entire application and any supporting documentation must be submitted in order for the application to be complete. Mail or deliver your application to:

**Division of Waste Management  
Waste Tire Program  
ATTN: Lisa Evans  
14 Reilly Road  
Frankfort, KY 40601**

## **1. APPLICANT PROFILE**

<b>Name of Applicant</b>	Pineville Independent Schools		
<b>Address</b>	401 Virginia Ave.; Pineville, KY 40977		
<b>Phone</b>	606-337-5701	<b>Fax</b>	<b>606-337-4396</b>
<b>Federal Tax ID#</b>			
<b>Type of Applicant</b>	Independent School District		
<b>Name of Authorized Official</b>	Michael D. White		
<b>Official Title</b>	Superintendent		
<b>Mailing Address</b>	401 Virginia Ave.		
<b>City</b>	Pineville	<b>ZIP</b>	<b>40977</b>
<b>Phone</b>	606-337-5701, ext. 313	<b>Fax</b>	<b>606-337-4396</b>
<b>E-mail Address</b>	mwhite@pineville.k12.ky.us		
<b>Project Manager</b>	Diana Anderson		
<b>Mailing Address</b>	401 Virginia Ave.		
<b>City</b>	Pineville	<b>ZIP</b>	<b>40977</b>
<b>Phone</b>	606-337-4386	<b>Fax</b>	<b>606-337-4396</b>
<b>E-mail Address</b>	<a href="mailto:danderson@pineville.k12.ky.us">danderson@pineville.k12.ky.us</a>		
<b>Project Location</b>	Pineville High School Athletic Field		

**All applicants must answer the following questions or provide an explanation of why the items are not applicable to the proposed project. You may attach additional pages as required.**

## 2. PROJECT RATIONALE

Describe the proposed project and its objectives. Provide a rationale for the project and its current status. Describe the number of people served by the project and the approximate geographic area or community that will benefit from the project.

The Pineville Independent School District is requesting a Waste Tire Market Development Grant to apply recycled crumb rubber to our district's only athletic field. This project will convert our game football field at Pineville High School to a rubberized natural grass field to be used by more than 250 student athletes, as well as visiting and area teams and members of our community.

The purpose of this project is to upgrade the condition of the field and enhance its safe use. Turf Solutions of Taylorville, Illinois will apply recycled crumb rubber to the football field. Adding crumb rubber to turf fields creates a cushion between the grass and soil that reduces turf wear and allows for more rapid turf growth. This crumb rubber product protects turf and reduces wear and damage to the crown of the grass. The crumb rubber granules reduce soil compaction and greatly improve traction in all weather conditions. Because compaction is reduced, the playing surface will be safer for our student athletes to use.

Our game field covers an area of 360' x 160'. During the course of the year, a minimum of 50 football game are played including varsity, junior varsity, middle school, intermediate school and Pee-Wee league. Additionally, physical education classes and the high school band utilizes the field for activities and performances.

Before the end of the season, the field becomes extremely worn between the hash marks and any activities or games in wet weather becomes very muddy. Once the field is protected with crumb rubber, we anticipate being able to practice on the game field during the week. Using the game field for practice will provide greater flexibility for drills and specialization and will provide a much safer playing surface for all participants.

Turf Solutions will be applying approximately 50,000 pounds of crumb rubber to the entire field. They are licensed to use the patented Michigan State University process and have their own specialized equipment and system to prepare the field and install the rubber. The total cost for the game field project is \$27, 500.00. That price includes material, transportation, field preparation and installation. We are requesting a Waste Tire Market Development Grant of \$20, 625.00 for the game field and will provide \$6,875.00 from Pineville Independent School District sources.

## 3. MATERIAL DETAIL

**Provide written documentation regarding the quality, quantity, cost, and availability of your source of waste tire material. Documentation should include the quantity required for your project, an estimated cost for the material for your project, and an estimate of the cost of delivery of the material.**

**Turf Solutions will provide 50,000 pounds of crumb rubber on site, prepare the game field as appropriate, provide the installation equipment and apply the crumb rubber to the field. They will apply two different sizes of crumb rubber: 10/14 mesh and 8/14 mesh. The total cost for the project is \$27,500.00.**

#### **4. PROMOTION DETAIL**

**Provide a plan to inform and educate the surrounding community about the project. You may attach examples of proposed newspaper articles or other media types intended to be used.**

**The community will be informed about the project through press releases and press days with our local media including the following: two newspapers, the Pineville Sun and the Middlesboro Daily News; local radio stations WRIL and WXJB; and local television station WYMT. Additional plans for project promotion include speaking at the Pineville Kiwanis Club and Pineville Athletic Boosters Club luncheons.**

#### **5. SCOPE OF WORK**

**Identify project activities by number and describe each activity. Project activities are the actions taken to achieve specified project objectives. Please identify which personnel are responsible for each activity.**

**Activities:**

1. Sign grant agreement with State of KY
2. Media Announcement Day
3. Turf Solutions Site Visit
4. 1<sup>st</sup> Material Delivery
5. Field Prep and 1<sup>st</sup> Application of Rubber
6. Press Day of 1<sup>st</sup> Application
7. Quality Control Field Inspection
8. 2<sup>nd</sup> Material Delivery
9. 2<sup>nd</sup> Application
10. Project Completion Inspection
11. Construction Progress Report to RCLA
12. Final Report #1 to RCLA
13. Final Report #2 to RCLA

**Responsible Parties:**

Superintendent/Turf Solutions  
Public Relations Director  
Superintendent /Turf Solutions  
Project staff/Turf Solutions  
Project staff/Turf Solutions  
Public Relations Director  
Project Staff  
Project Staff/Turf Solutions  
Project Staff/Turf Solutions  
Project Staff/Turf Solutions  
Project Director  
Project Director  
Project Director

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## 6. MILESTONES

**Please list a description of each key task and its approximate due date (see example below).**

**Progress Reports** are required and must be submitted as determined by the cabinet. The first project month will start on the first day of the project period. The project period will be determined by effective date of the best-suited financial assistance agreement (MOA or MOU with grant agreement). For large construction projects, such as TDF that require several months for construction, monthly reports may be required. For shorter work projects, such as spreading crumb rubber on an athletic field, only one construction report is required at the end of the work. Generally, the cabinet may ask for another report later for statistics, such as reduced injuries or increased number of events on athletic fields. Please note, completion dates given below will be used by the cabinet

### SAMPLE PROJECT MILESTONES

(The number of activities may vary depending on project type)

#### XYZ High School Football Field Project

Task Description	Estimated Completion Date
1. Prep Field to Reestablish Vegetation	March 15, 2005
2. Bid and Award Contract	May 1, 2005
3. Contact Newspapers, Television and Radio	May 15, 2005
4. Contract start	July 1, 2005
5. Contract complete	July 30, 2005
6. Field ready for practice	July 15, 2005
7. Construction Progress Report	August 1, 2005
8. Final Report #1	January 31, 2006
9. Final Report #2	January 31, 2007

(A format is provided below, you may use it or develop a timetable of activities separately.)



**Project Name: Pineville Independent Waste Tire Market Project**

<b>Task Description</b>	<b>Estimated Completion Date</b>
Sign grant agreement with the State of Kentucky	04/01/05
Sign agreement with Turf Solutions	04/13/05
Media Announcement Day	04/19/05
Turf Solutions Site Visit	04/26/05
1 <sup>st</sup> Material Delivery	05/06/05
Turf Solutions Field Prep and 1 <sup>st</sup> application of rubber	05/12/05
Press Day Observation of 1 <sup>st</sup> application	05/12/05
Quality Control Field Inspection	05/17/05
2 <sup>nd</sup> Material Delivery	06/07/05
2 <sup>nd</sup> Application	06/15/05
Project Completion Inspection	06/20/05
Construction Progress Report to RCLA	06/29/05
Final Report #1 to RCLA	01/01/06
Final Report #2 to RCLA	01/01/07

## 7. BUDGET DETAIL

Complete the budget table below. Include all cost anticipated to complete the project. Do not include any long-term maintenance or refurbishment costs. (If the project is being done by contract, just insert the estimated contract price and any contract supervision costs.)

BUDGET CATEGORY	COST
Contract	N/A
Contract Supervision	N/A
Waste Tire Materials	Included in Turf Solutions Application Cost
Transportation	Included
Application of Material	\$27,500.00
Equipment	Included
Personnel	Included
Promotional and Educational	Included
TOTAL	\$27, 500.00

## **8. PRELIMINARY PROJECT DESIGN**

**Provide construction specifications, including material and method of distribution, necessary to graphically illustrate the proposed project. Also, the cabinet reserves the right to request more detailed design drawings (developed by a state certified professional engineer) on projects involving experimental or constructed applications.**

**There will be no construction activity due to the fact that this is an existing field.**

## EVALUATION CRITERIA

Each of the criteria used to evaluate applications has a maximum number of points that can be received (TOTAL OF 120 POINTS POSSIBLE).

### 1. Completeness of Applicant Profile and Project Rationale

20	This portion of the application is complete.
10	This portion of the application is substantially complete, but additional information is needed.
0	Significant areas of this portion of the application are not complete.

### 2. Completeness of Budget and Supporting Documents

20	This portion of the application is complete.
10	This portion of the application is substantially complete, but additional information is needed.
0	Significant areas of this portion of the application are not complete.

### 3. Material Usage Efficiency

20	Project plan maximizes materials by altering any existing processes or functions specifically to increase usage efficiency.
10	Project utilizes materials in a manner consistent with current processes of functions.
0	No increased efficiency or function can be demonstrated by the project.

### 4. Material Supply Commitment (Letters, bids, contracts, purchase orders, etc.)

20	Application includes bids or quotes from waste tire material vendors.
10	Application lists targeted vendors of the waste tire material.
0	Application does not include waste tire material vendor information.

### 5. Project Implementation (Based upon the submitted project tasks and time line.)

20	The project is likely to be implemented in a timely manner.
10	There are concerns about the project being implemented in a timely manner.
0	The project is unlikely to be implemented in a timely manner.

### 6. Promotional and Educational Plan

20	The promotional and educational plan utilizes multiple types of media throughout the project's development and includes a long-term informational signage.
10	Information about the project will be disseminated as public information.
0	The project does not contain a plan to disseminate information to others.