
	<b>PROMOTE EARTH-KIND LANDSCAPING</b>		<b>PE/PI-1</b>
<b>RESPONSIBLE AUTHORITY</b>  <b>*Engineering</b> <b>AgriLIFE</b>	<div data-bbox="469 268 663 294">DESCRIPTION</div> <div data-bbox="469 317 707 638">  </div> <div data-bbox="730 354 1477 527"> <p>On the February 2, 2009 Collin County Commissioners Court approved a cooperative agreement with AgriLife Extension to conduct research and demonstration projects at Collin County's Myers Park and Event Center. The projects focus on Environmental Stewardship and Natural Resources Conservation within the landscape.</p> </div> <div data-bbox="730 543 1477 657"> <p>The project evaluates plant material for the landscape to determine which plants to recommend to homeowners and landscape professionals. The research identifies plants that do not require pesticides or chemical fertilizers and require little to no supplemental irrigation. The Earth-Kind Environmental Stewardship Program's objective is to combine the best of organic and traditional gardening and landscaping principles to create a horticultural system based on real world effectiveness and environmental responsibility.</p> </div> <div data-bbox="469 657 1477 770"> <p>The Earth-Kind Demonstration Project is provided through a partnership between the Texas AgriLife Extension Service and Collin County's Myers Park and Event Center. A portion of the project focuses on demonstrating innovative ways to reduce the effects of storm water from parking areas. The Storm Water Management Demonstration Project consists of a Rain Garden and porous pavement on the edge of the large parking area at Myers Park. The rain garden and porous pavement are proven technologies for managing storm water runoff, reducing contaminants from entering our water ways, and preventing erosion.</p> </div> <div data-bbox="469 1062 916 1094">RATIONALE FOR SELECTION</div> <div data-bbox="469 1115 1477 1236"> <ul style="list-style-type: none"> <li>• Earth-Kind Demonstration Gardens have been in place at Myer's Park since its inception in 2009.</li> <li>• Hundreds of visitors each year visit the gardens to learn about environmentally friendly gardening and landscaping techniques.</li> </ul> </div>		
<b>APPLICABILITY</b>  X Residents  Visitors  Public Service Employees  Businesses  Commercial/Industrial  Construction			
YEAR	IMPLEMENTATION ACTIVITY		MEASURABLE GOAL
01/24/19 - 12/31/19	<ul style="list-style-type: none"> <li>• Continue to sponsor the Earth-Kind Demonstration Garden at Myers Park</li> <li>• Sponsor annual Garden Show</li> </ul>		1 demonstration garden 1 garden show
01/01/20 - 12/31/20	<ul style="list-style-type: none"> <li>• Continue to sponsor the Earth-Kind Demonstration Garden at Myers Park</li> <li>• Sponsor annual Garden Show</li> </ul>		1 demonstration garden 1 garden show
01/01/21- 12/31/21	<ul style="list-style-type: none"> <li>• Continue to sponsor the Earth-Kind Demonstration Garden at Myers Park</li> <li>• Sponsor annual Garden Show</li> </ul>		1 demonstration garden 1 garden show
01/01/22 - 12/31/22	<ul style="list-style-type: none"> <li>• Continue to sponsor the Earth-Kind Demonstration Garden at Myers Park</li> <li>• Sponsor annual Garden Show</li> </ul>		1 demonstration garden 1 garden show
01/01/23 12/13/23	<ul style="list-style-type: none"> <li>• Continue to sponsor the Earth-Kind Demonstration Garden at Myers Park</li> <li>• Sponsor annual Garden Show</li> </ul>		1 demonstration garden 1 garden show

THE STATE OF TEXAS

COUNTY OF COLLIN

**Subject: Ground Use, Myers Park and Event Center, AgriLIFE Extension – AgriLIFE Extension**

On **February 2, 2009**, the Commissioners Court of Collin County, Texas, met in **regular session** with the following members present and participating, to wit:

**Keith Self  
Matt Shaheen  
Jerry Hoagland  
Joe Jaynes  
Kathy Ward**

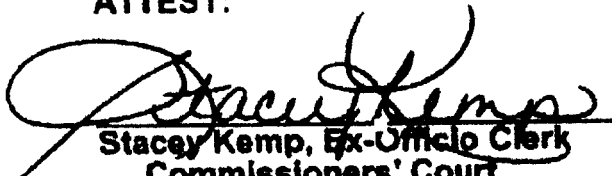
**County Judge, Presiding  
Commissioner, Precinct 1  
Commissioner, Precinct 2  
Commissioner, Precinct 3  
Commissioner, Precinct 4**

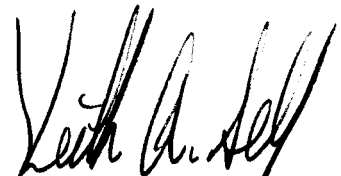
During such session the court considered a request for approval to allow AgriLIFE Extension to use Myers Park and Event Center.

Thereupon, a motion was made, seconded and carried with a majority vote of the court for approval to allow AgriLIFE Extension to use Myers Park and Event Center to conduct research and demonstration projects. Same is hereby approved in accordance with the attached documentation.



**ATTEST:**

  
**Stacey Kemp, Ex-Officio Clerk  
Commissioners' Court  
Collin County, T E X A S**

  
\_\_\_\_\_  
**Keith Self, County Judge**

  
\_\_\_\_\_  
**Matt Shaheen, Commissioner, Pct. 1**

  
\_\_\_\_\_  
**Jerry Hoagland, Commissioner, Pct. 2**

  
\_\_\_\_\_  
**Joe Jaynes, Commissioner, Pct. 3**

  
\_\_\_\_\_  
**Kathy Ward, Commissioner, Pct. 4**



DATE: January 22, 2009

TO: Judge Self and Commissioners

FROM: Greg Church, PhD  
County Horticulturist

SUBJECT: Projects at Myers Park and Event Center

Dear Collin County Commissioners' Court,



I would like to be placed on the February 2, 2009 Collin County Commissioners Court Agenda to present a request for approval to conduct research and demonstration projects at the Myers Park and Event Center. These projects will focus on Environmental Stewardship and Natural Resources Conservation within the landscape.



Through evaluating plant material for the landscape, under our local environmental conditions, we can determine which plants to recommend to homeowners and landscape professionals. The research will identify plants that do not require pesticides or chemical fertilizer, and require little to no supplemental irrigation. The research will be conducted in manner that adds beauty to the park and provides an attractive garden for visitors. The projects will be conducted under the Earth Kind® Environmental Stewardship Program whose objective is to combine the best of organic and traditional gardening and landscaping principles to create a horticultural system based on real world effectiveness and environmental responsibility.

This project will be conducted through the partnership of the Texas AgriLife Extension Service and Myers Park and Event Center. The project will be funded by the Collin County Master Gardeners Association, donations from sponsors, and any grant funds obtained from external sources. The Extension Service and Collin County Master Gardener volunteers will provide the majority of the labor for the project.

Another project focuses on demonstrating innovative ways to reduce the effects of storm water from parking area. This Storm Water Management Demonstration Project consists of installing a Rain Garden and porous pavement on the edge of the large parking area at Myers Park. The rain garden and porous pavement are proven technologies for managing storm water runoff, reducing contaminants from entering our water ways, and preventing erosion. This project was approved to receive grant dollars from the Texas Commission on Environmental Quality. This grant is administered by Texas AgriLife Research and Extension Center – Dallas. The grant dollars will cover the cost of materials.

I consider all our projects at the Myers Park and Event Center as community service, beautification projects. These projects will not require funding from the County. Approval of these projects will benefit all those organizations involved, but more importantly benefit the citizens of Collin County. These projects provide the Extension Service and the Master Gardener Volunteers with a site and a means to fulfill our mission to provide research-based horticulture information to the citizens of Collin County.

	<b>VEHICLE MAINTENANCE</b>		<b>GH-9</b>
<b>RESPONSIBLE AUTHORITY</b>  <b>*Public Works / Equipment Services</b>	<p><b>DESCRIPTION</b></p> <p>This BMP involves the development of a program that focuses on controlling pollutants and reducing storm water impacts from the County's automobile maintenance shop. Vehicle maintenance facilities typically contain significant quantities of fuels, solvents and motor oils and often generate large amounts of waste. Preventative measures such as good housekeeping, spill control, parts cleaning and recycling of automotive fluids including antifreeze, waste oil, transmission and hydraulic fluid are necessary to minimize the impacts of this generated waste.</p> <p>The Collin County Public Works Service Center performs maintenance on County vehicles. A central floor drain within the fleet maintenance shop drains through an oil/sand separator before being discharged to the sanitary sewer. The soil/sand separator must be maintained on a regular basis to function properly. The County will continue to maintain the oil/sand separator and document these maintenance activities as part of their SWMP.</p>		
<b>APPLICABILITY</b>  <div>Residents</div> <div>Visitors</div> <div>X Public Service Employees</div> <div>Businesses</div> <div>Commercial/Industrial</div> <div>Construction</div>	<p><b>RATIONALE FOR SELECTION</b></p> <ul style="list-style-type: none"> <li>• A reduction in spills, discharges and improper disposal of automobile maintenance wastes can prevent toxic materials from entering ground and surface water supplies and prevent public health and environmental risks.</li> <li>• Regular maintenance of the Oil/Sand separator will ensure proper functioning of this BMP.</li> <li>• This BMP was highly effective during the first two permit terms.</li> </ul>		
YEAR	IMPLEMENTATION ACTIVITY		MEASURABLE GOAL
01/24/19 - 12/31/19	<ul style="list-style-type: none"> <li>• Inspect oil/sand separator 10 times per year</li> <li>• Clean oil/sand separator as needed but at least once per permit term</li> </ul>		At least 10 inspection reports per year At least 1 clean out per permit term
01/01/20 - 12/31/20	<ul style="list-style-type: none"> <li>• Inspect oil/sand separator 10 times per year</li> <li>• Clean oil/sand separator as needed but at least once per permit term</li> </ul>		At least 10 inspection reports per year At least 1 clean out per permit term
01/01/21 - 12/31/21	<ul style="list-style-type: none"> <li>• Inspect oil/sand separator 10 times per year</li> <li>• Clean oil/sand separator as needed but at least once per permit term</li> </ul>		At least 10 inspection reports per year At least 1 clean out per permit term
01/01/22 - 12/31/22	<ul style="list-style-type: none"> <li>• Inspect oil/sand separator 10 times per year</li> <li>• Clean oil/sand separator as needed but at least once per permit term</li> </ul>		At least 10 inspection reports per year At least 1 clean out per permit term
01/01/23 - 12/13/23	<ul style="list-style-type: none"> <li>• Inspect oil/sand separator 10 times per year</li> <li>• Clean oil/sand separator as needed but at least once per permit term</li> </ul>		At least 10 inspection reports per year At least 1 clean out per permit term

	<b>VEHICLE WASHING</b>		<b>GH-10</b>
<b>RESPONSIBLE AUTHORITY</b>  <b>*Public Works/ Equipment Services</b>	<b>DESCRIPTION</b> <p>This pollution prevention measure focuses on education efforts to inform County employees of the water quality impacts that result from the outdoor washing of vehicles and measures that can be taken to prevent the runoff from entering the storm drain system. Practices such as selecting low phosphate and biodegradable detergents can reduce receiving water impacts.</p>		 <p>The County has a covered wash bay at the Public Works Service Center which utilizes a pre-wash and wash water is treated through a grit trap. Proper maintenance of the grit trap is conducted on a regular basis. The County inspects the grit trap at least 10 times per year and maintains the trap as needed, but at least once per permit term.</p>
<b>APPLICABILITY</b>  <div>Residents</div> <div>Visitors</div> <div>X Public Service Employees</div> <div>Businesses</div> <div>Commercial/ Industrial</div> <div>Construction</div>	<b>RATIONALE FOR SELECTION</b> <ul style="list-style-type: none"> <li>• Most car washing BMPs are inexpensive, relying more on good housekeeping practices.</li> <li>• Utilizing pollution prevention measures for vehicle washing may reduce high loads of detergents, nutrients, metals and hydrocarbons from entering storm drains and streams.</li> <li>• Inspection and maintenance of the grit trap will ensure proper functioning of this BMP.</li> <li>• This BMP was highly effective during the first two permit terms.</li> </ul>		
YEAR	IMPLEMENTATION ACTIVITY		MEASURABLE GOAL
01/24/19 - 12/31/19	<ul style="list-style-type: none"> <li>• Inspect grit trap at least 10 times per year</li> <li>• Maintain grit trap as needed but at least once per permit term</li> </ul>		At least 10 inspection reports per year At least 1 clean out per permit term
01/01/20 - 12/31/20	<ul style="list-style-type: none"> <li>• Inspect grit trap at least 10 times per year</li> <li>• Maintain grit trap as needed but at least once per permit term</li> </ul>		At least 10 inspection reports per year At least 1 clean out per permit term
01/01/21 - 12/31/21	<ul style="list-style-type: none"> <li>• Inspect grit trap at least 10 times per year</li> <li>• Maintain grit trap as needed but at least once per permit term</li> </ul>		At least 10 inspection reports per year At least 1 clean out per permit term
01/01/22 - 12/31/22	<ul style="list-style-type: none"> <li>• Inspect grit trap at least 10 times per year</li> <li>• Maintain grit trap as needed but at least once per permit term</li> </ul>		At least 10 inspection reports per year At least 1 clean out per permit term
01/01/23 - 12/13/23	<ul style="list-style-type: none"> <li>• Inspect grit trap at least 10 times per year</li> <li>• Maintain grit trap as needed but at least once per permit term</li> </ul>		At least 10 inspection reports per year At least 1 clean out per permit term