

**North Carolina Association of County Commissioners
2006 Ralph W. Ketner Employee Productivity Awards Application**

County:	Wilson	Employee:	Andy Davis	Email:	sclayton@wilson-co.com
County Department:	Solid Waste Management	Employee Title:	Landfill Supervisor		
County Phone:	252-399-2823	County Mailing Address:	PO Box 1728, Wilson, NC 27894-1728		
Is this project being submitted on behalf of two or more employees?				<input type="checkbox"/>	<input checked="" type="checkbox"/> Yes

If yes, please provide below a listing of all project employees in Number 6. Employee & title as listed above should be for lead team member.

Fair Labors Standards Act Designation: In order for your project to be eligible, you MUST indicate one of the following. If you do not know, please contact your personnel director

EXEMPT: **NON-EXEMPT:** **BOTH (if applicable to team):**

1.	Productivity Improvement Title:	Conversion of Surplus Ambulance into Landfill Service Truck
2.	Implementation Date (must be between January 1, 2006 and December 31, 2006)	October 1, 2006
3.	Please describe the productivity improvement. (Please limit response to these 2 pages.)	
The service truck has enabled landfill staff to:		
1. Obtain bulk diesel fuel more easily and quickly. The need for a trailer has been eliminated. The fuel is also easier and quicker to dispense.		
2. Bulk hydraulic and grease containers have been placed on the service truck. Field maintenance and repair efforts have been made easier and more efficient. The need for hand grease guns, and the transporting of fluids in small containers, which are subject to contamination, has been eliminated.		
3. An air compressor large enough to operate pneumatic tools is now available to landfill staff in the field. Repairs are easier to make and the compressor can be used to clean radiators and air filters, etc. in the field rather than returning to the shop.		
4. The service truck saves time and effort since it provides a portable, central supply function for service away from the central shop.		
The service truck allows employees to "multi-task" when doing repairs, refueling, or maintaining landfill equipment.		

4. Please describe why this project was initiated or what problem it addressed:

The landfill work face is located approximately .5 mile from the shop area. The portable diesel fuel supply tank used to fuel heavy equipment was carried on a small trailer. The trailer was difficult to maneuver in wet weather and refueling was difficult. Service activities were conducted using portable tool boxes transferred to pickup trucks. At times, tools were placed "loose" in the pickup trucks. Staff efficiency was reduced due to frequent unavailability of needed tools. Lubricating fluids for equipment were drawn from bulk tanks in the shop and transported as needed to the landfill work face. Most equipment was serviced directly from the bulk storage tanks at the shop. The possibility of lubricant contamination was a constant concern. Lack of easy access to bulk fluids and grease made maintenance of all equipment more difficult. Adequate air compressor capacity was only available at the shop. A small portable unit was available for some remote tasks. A larger air compressor was needed for on-site repairs and for changing flat tires on landfill vehicles. The need for a service truck was identified.

5. Please quantify the improvement's results in terms of cost savings, cost avoidance and/or a higher level of services provided.

(Please indicate what resources were used to achieve your results, and what was done with the time savings, if any accrued).

1. Cost Savings: It is estimated that 4 hours of labor are saved each week. The time saved is used to recover recyclables from the work face. Bulk fluids and grease are used resulting in lower material costs.

2. Cost avoidance: The use of bulk dispensers decreases the likelihood of material contamination and we expect lower maintenance costs and less equipment down time. A surplus ambulance was used as the platform for the service truck. The landfill team provided the labor for the conversion project. Materials for the project cost less than \$1,000. A new service truck would probably cost between \$40-50 thousand dollars.

6. Please provide any other descriptive information you would like to be considered by the review committee.

The project also improved the morale and self-confidence of the team. Many customers and other county employees have complimented the team on the project.

County Manager's Name:	Ellis Williford	Supervisor's Name:	Steve Clayton
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Return by June 15, 2007, via e-mail to Rebecca.Troutman@ncacc.org.