



**ARKANSAS**  
**DEPARTMENT OF ENVIRONMENTAL QUALITY**  
 Teresa Marks, Director

Grant Number

BNT01-07

**Solid Waste Management Division, Programs Branch**  
**SOLID WASTE AND RECYCLING GRANTS**  
**2007 APPLICATION FORM**  
 (STATE FISCAL YEAR 2008)

- 1.0 Madison County Solid Waste & Recycling  
 Name of Applicant (This may be a city, county, municipality, etc.)
- 1.1 Larry Karigan-Winters  
 Contact Person (This person must be available to answer questions regarding this grant.)
- 1.2 173 Madison 56553                      Huntsville                      Mad                      72740  
 Address                                      City                                      County                      Zip
- 1.3 (479) 738-6351                      (479) 738-6308                      recycle@madisoncounty.ng  
 Area Code                      Telephone                                      Fax                                      E-mail

2.0 Grant Category: Check One (Please select only one category per application.)

<input type="checkbox"/> Administrative	<input type="checkbox"/> Material Recovery Facility
<input type="checkbox"/> Composting Equipment Specify type	<input checked="" type="checkbox"/> Recycling Equipment Specify type containers for metal recycling
<input type="checkbox"/> Education	<input type="checkbox"/> Solid Waste Planning
<input type="checkbox"/> Transfer Station with Recycling	

2.1 Project Total Cost                      Grant Amount Requested  
 \$ 184,895.00                                      \$ 39,506.00

- 3.0 **Project Description** – All grant applications, including administrative, must include a detailed project description. At a minimum, answer the following:
- 3.1 The project's goals and how the project will be conducted (such as, how will materials be collected and marketed, and how public awareness of the project will be increased).
- 3.2 What items are/will be recycled.
- 3.3 Project location and population served by the proposed project (whom do you expect to participate in the program?).
- 3.4 The days and hours of operation. (If funding equipment, how many days/hours will it be used for the project?)

**4.0 Administrative Requirements**

4.1 Does the applicant hold current environmental permits required for this project?

Yes  No  No, but have applied  Not Applicable

4.2 If existing equipment serves the project area, provide justification why this project is not a duplication of services.

4.3 Does the applicant have sufficient resources to effectively operate the project for the purpose(s) specified in the application? *(Grant recipients must show that adequate revenues are being collected to support the long-term operation and maintenance of a grant-funded project. Items such as equipment maintenance and supplies, utilities, labor and transportation costs should be considered.)*

Yes  No

4.4 Projected beginning date July 1, 2007

4.5 Projected completion date June 30, 2010

4.6 Attach completed Budget, Appendix A

4.7 Attach signed Minimum Conditions of Grants, Appendix B

4.8 Attach proof of publication and public comments received regarding the grant request. *(A description of the grant proposal must be inserted in a newspaper of general circulation in the area affected by the project a minimum of 30 days prior to the submission of the grant application. This must include a solicitation of written comments from the public. For a sample public notice, see Appendix C)*

**Ensure that Section 5.0 Signature and Certification is completed and accompanies each grant application.**

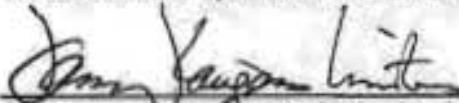
Grant Number

300701-07

**5.0 Signature and certification**

The authorized representative of the organization applying for the grant and the Regional Solid Waste Management Board Chairman both must sign the application. The authorized representative must have the authority to obligate the applicant's resources.

I certify that to the best of my knowledge, the information provided in this application and its attachments is correct and true. I understand and agree that if grant money is subsequently awarded as a result of this application, I will comply with all applicable statutory provisions and with applicable terms, conditions, and procedures of the ADEQ grant program. I certify that all proposed activities will be carried out and that all grant money received will be utilized solely for the purposes for which it is intended unless written authorization is provided by the Regional Solid Waste Management District and the Arkansas Department of Environmental Quality.



Signature of Applicant's Authorized Representative

Director

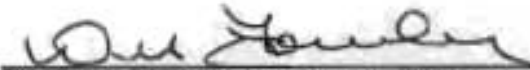
(479) 738-6351

May 11, 2007

Title

Telephone Number

Date



Signature of RSWMD Board Chairman

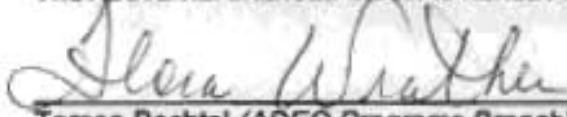
Wes Fowler

5-17-07

Print name

Date

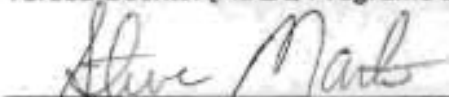
THE ABOVE-REFERENCED GRANT IS HEREBY APPROVED.



Teresa Bechtel (ADEQ Programs Branch)

7-24-07

Date



Steve Martin (ADEQ Solid Waste Management Division Chief)

07/24/2007

Date

## APPENDIX A – PROJECT BUDGET

COSTS SHOULD BE BUDGETED FOR FIRST YEAR ONLY.  
REVENUE SHOULD BE PROJECTED FOR THREE YEARS.

Grant Number
BMT01-07

- (A) PROJECT BUDGET SUMMARY –** Fill in all applicable spaces. Total ADEQ Grant Funds Requested and Total Project Costs must match the figures shown on page one (1) of the application. Be sure to total grant funds requested, matching resources, and total costs. Providing matching resources is not mandatory to be considered for a grant but is a measure of cost effectiveness of your application.

(A) Project Budget and Summary	ADEQ Grant Funds Requested	Matching Resources*	Total Costs
1. Personnel Services		7,500	7,500
2. Professional Services		10,000	10,000
3. Capital Outlay	39,506		39,506
4. Services and Supplies		132,500	132,500
5. Total ADEQ Grant Funds Requested (Transfer to Page 1)	39,506		
6. Total Matching Resources Committed to the Project		150,000	
<b>TOTAL PROJECT COST</b> (Transfer to Page 1)			189506

- (B) REVENUE TO CONTINUE PROGRAM –** List all revenue sources, present or future, to maintain the project beyond the grant. This section must be completed.

(B) Revenue to Continue Program	Year 1	Year 2	Year 3
Grant Funds (specify type of grant)	39,506		
Landfill Tipping Fees	163,500	185,000	205,000
Local Sales Tax	40,000	40,000	40,000
Mandatory User Fees			
Sale of Recycled Material			
Solid Waste Assessment	239,589	260,000	280,000
Other (specify)			
<b>TOTAL REVENUE</b>	482,595	485,000	525000



**MADISON COUNTY SOLID WASTE & RECYCLING**  
**ADEQ - 2007 RECYCLING GRANT ROUND**  
**MAY 11, 2007**

**3.0 Project Description**

**3.1 The project's goals and how the project will be conducted.**

Madison County would like to expand it's operations. Since 1993, the Recycling Center has purchased non-ferrous metals from the public. Since the price of these metals dramatically increased in November 2005, the metals business has skyrocketed. The staff here has gained much business experience and now realizes one of the best opportunities to sustain the entire recycling program in the foreseeable future, would be to expand into the purchase of scrap steel. Detailed pictures from the Solid Waste District's flyover mapping open dumps in the mid-nineties, shows the incredible tonnage of scrap steel hidden away in dumps on land all across the county. It is our opinion, that no greater solid waste and recycling service could be put into place to continue clean up Madison County, than to have a central staging area at the center for purchasing scrap steel. Hundred's of citizens would be put to work hauling steel to be recycled with the incentive to make money by doing so. Our experience in the non-ferrous metals business has shown that when the prices of a commodity reach that level of return, people will go into the old dumps and "mine" those non-ferrous metals. We believe the same will hold true for mining scrap steel. Steel is on the move. Drive the highways and you will see truckloads of steel being transported to buyers and intermediate processors. Unfortunately, the transport of steel out of Madison County is over a 100 mile round trip from Huntsville. Points further south of Huntsville, must travel further than that 100 miles, making the return not economically feasible. Our goal is to build an infrastructure that would allow the recycling center to bale, compact and transport heavier loads of scrap steel to more distant markets. The economic efficiency and economy of scale would increase our return, put citizens to work, and most importantly clean generations of accumulated steel from the hills of our county. Thirty to 33% of all materials recycled annually at the Madison County Recycling Center has been steel. This has been consistent for 15 successive years. Annual Roundups targeting scrap steel have never slowed down. We recover the same amount of steel at these cleanup events year after year. As long as appliances and vehicles are made of steel, there will be steel to be recovered and recycled. As long as growth in emerging countries like China and India continue, there will be a high demand for secondary materials including non-ferrous metals and scrap steel. Madison County has a long and successful record on implementing successful recovery programs and moving into steel will capture discarded steel from farms across the county. Steel - the only material that never burned and never decomposed. It is on every farm waiting to be recycled. Though we recycle 300 tons of steel each year, we've only begun to put a dent in the tons to be cleaned up and recovered. (Waste Age March 2006, P. 42) Rural Convenience Centers by Larry Karigan-Winter)

Specifically, materials will be transported to the recycling center by the public. Weight will be determined on our 90' truck scales. Materials will be marketed to area intermediate processors, to established scrap buyers or shipped to steel mills. The recycling center has Froom recovery, is a licensed tire facility, is a licensed transfer

station, has a HHW program and a licensed staff available to manage all materials that may come with scrap steel.

Madison County has a paid educator on staff. Public awareness will be increased through advertising in the local newspapers, but by paying for steel, word will pass quickly as many of our current customers ask, "when are we going to start buying steel?" Notices will be posted around the Center. The Madison County Transfer Station & Recycling Center is a full service facility. People use the Center for numerous reasons. Word spreads quickly in small rural communities.

### **3.2 What items are/will be recycled.**

The recycling center accepts 68 items for reuse & recycling, plus 40 categories of Household Hazardous Waste. See attached lists. This grant will buy equipment to recycle scrap steel. Equipment needed includes: Grapple, truck, trailers, baler & platform scale.

### **3.3 Project location and population served by the proposed project (whom do you expect to participate in the program? We serve all of Madison**

County, but citizens outside of Madison County use our facilities. We will be open to all who chose to use our services. We get a lot of business from the Elkins and Goshen area out of Washington County. Madison County has a population of 14,423 by the 2000 census, but the county is now included in the high growth area of Washington, Benton and Madison County.

### **3.4 The days and hours of operation. (if funding equipment, how many days/hours will it be used for the project?)**

Center hours are M,W,TH,F - 8:00 am to 4 pm. Tuesday 8 am to 5:30 pm. Saturday 9 am to 1 pm. Steel is also collected at the South Madison County Convenience Center. Hours are from 8:30 to 2:30 on Tuesday and Saturday.

## **Madison County Recycling & Transfer Station**

173 Madison 6553

Huntsville, AR 72740

(one mile south off Hwy 74 west of Huntsville ¼ mile)

(479) 738-6351

[recycle@madisoncounty.net](mailto:recycle@madisoncounty.net)

[www.madisoncountytv.net/~recycle](http://www.madisoncountytv.net/~recycle)

### **WE TAKE ALL TRASH & CONSTRUCTION DEBERIS FOR A FEE - WE SHRED SENSITIVE DOCUMENTS - WE BUY ALUMINUM CANS & METALS**

- car, truck, motorcycle, lawnmower, telephone & forklift batteries
- button & ni-cad batteries
- cooking oil
- glass
  - clear
  - brown
  - green & blue
  - window panes
- Motor oil, oil filters, antifreeze, paint (see attached HHW list of materials)
- Pallets & wood waste
- Newspaper, Mixed Paper, White Paper
- Telephone books, paperbacks, magazines, cardboard
- Plastic bottles #1 & #2 natural and colored
- Computer printer cartridges
- Aluminum foil, pie pans, screening and scrap; breakage
- Good clothing – clean and dried; belts, purses, hats, shoes
- Computers, monitors, TV's, cell phones
- Household Hazardous Waste
- Styrofoam peanuts
- Scrap steel, appliances, freon
- Steel cans
- Tires
- Yard waste-bagged leaves, bagged grass clippings
- Copper #1,2 &
- Brass
- Stainless steel
- Heater cores
- Radiators (dirty and clean) – ACR's (dirty and clean)
- Lead
- Coated copper wire #1, #2, ACSR wire, neoprene wire

***"WORKING TOGETHER TO REDUCE OUR NEED FOR LANDFILLS"***

y - Huntsville

SubstID	Quantity Measure	Unit PPU	Reusable	BeneReuse
Aerosols	3244 Pounds	\$0.56	447	2584
Asbestos - full drum price	1 Each	\$110.00	0	0
Ballasts	591 Pounds	\$0.88	0	487
Batteries - alkaline	4136 Pounds	\$0.88	0	4136
Batteries - lead acid	1325 Each	\$0.00	0	1325
Batteries - nicad	0 Pounds	\$0.00	0	0
Batteries - nicad	55 Pounds	\$0.93	0	55
Cleaners - ammonia-based	385 Pounds	\$0.72	81	0
Cleaners - water-based	743 Pounds	\$0.78	129	37
Corrosives - liquid	524 Pounds	\$0.88	0	0
Cylinders - compressed gas	282 Each	\$1.00	0	218
Cylinders - fire extinguishers	64 Each	\$0.50	0	61
Flammables - liquids	4445 Pounds	\$0.64	688	4445
Flammables - solids	0 Pounds	\$0.00	0	0
Flammables - solids	300 Pounds	\$1.13	0	127
Bulbs - fluorescent	10113 Feet	\$0.18	0	8645
Film Developing Chemicals	247 Pounds	\$0.88	0	4
Mercury - liquid	12 Pounds	\$5.00	0	2
Mercury - debris	1 Pounds	\$10.00	0	1
Oil - used filters	679 Pounds	\$0.25	0	679
Oil - motor, gear, lube	2 Pounds	\$25.00	0	0
Oil - motor, gear, lube	4744 Pounds	\$0.08	0	4741
Paint - latex	63187 Pounds	\$0.25	6295	0
Paint - oil-based	45555 Pounds	\$0.64	3883	45428
Poisons	48 Pounds	\$1.40	0	0
Anti-Freeze	1428 Pounds	\$0.20	0	1425
Bulbs - HID	9 Each	\$1.80	0	9
Corrosives - powder	35 Pounds	\$0.88	0	0
Pesticides - banned or NFR	45 Pounds	\$1.40	0	0
Pesticides - liquid	4320 Pounds	\$1.40	512	0
Pesticides - powder	2952 Pounds	\$1.40	391	0
Electronics - Miscellaneous	18 Pounds	\$0.39	0	0
Electronics - Miscellaneous	1202 Pounds	\$0.00	0	0
Batteries - button	1 Pounds	\$4.58	0	1
Propane Bottles	90 Each	\$1.00	18	72
Acid - muriatic	357 Pounds	\$0.88	0	0
Acid - sulfuric	58 Pounds	\$0.88	0	0
Acid - misc.	138 Pounds	\$0.88	0	0
Misc. Pool Chemicals	157 Pounds	\$0.88	4	0
Misc. Pool Chemicals	26 Pounds	\$1.40	7	0
Capacitors	15 Pounds	\$2.91	0	0
Bulbs - U-shaped	7 Each	\$0.80	0	7
Bulbs - crushed/broken	45 Pounds	\$1.50	0	0
Misc. Lab Pack Chemicals	158 Pounds	\$1.79	0	0
Sharps	365 Pounds	\$5.00	0	0



**APPENDIX B - MINIMUM CONDITIONS OF RECYCLING GRANTS**

The following items are not eligible for funding from recycling grants:

Taxes  
Reimbursement of funds  
Retroactive purchases  
Legal fees  
Licenses or permits  
Land acquisition  
Vehicle registration  
Utilities including telephone  
Office equipment

All grants are subject to the requirements of A.C.A §8-6-601 et. seq. and Arkansas Pollution Control and Ecology Commission Regulation 11, Chapter Five: Solid Waste Management and Recycling Grants Program. Highlights include:

Grant Recipients agree to:

- Conform to all state laws on the purchase, use or sale of equipment and facilities secured with grant funds.
- Have design plans for construction of permanent facilities with an estimated cost of \$50,000 or greater approved by a professional engineer unless otherwise approved by ADEQ.
- Seek competitive bids or requests for proposals (RFP) for purchase of equipment or services with an estimated cost of \$15,000 or greater. This should be done through an advertisement in an area newspaper of general circulation.
- Start grant project before application deadline for the next grant round. Delays must be approved in writing by both the RSWMD and ADEQ.
- Develop the recycling program presented in the application and expend all grant funds within three years. Extensions must be approved in writing by both the RSWMD and ADEQ.
- Actively seek to market or reuse materials collected in three years.
- Use any interest earned on grant funds exclusively for this or other recycling programs.
- Maintain an orderly accounting system to document that grant expenditures are made in accordance with project budget. This includes keeping copies of all bids, paid invoices, canceled checks, and other appropriate paperwork.
- Report to the RSWMD for five or more years as directed by ADEQ & the board.

RSWMD Boards agree to:

- Establish or designate at least one adequate recyclable materials collection center in each county.
- Ensure that all applicable federal, state and local permits and licenses have been obtained; the project has begun; and adequate revenue sources for continuation of the program are in place before disbursing grants funds.
- Ensure that recipients conform to all state laws that are applicable to the purchase, use or sale of equipment and facilities secured with state funding.
- Ensure that facilities or equipment purchased with grant funds be used exclusively for the general purposes specified in the grant application. **Note: facilities and equipment purchased with grant funds may not be sold, traded or transferred without the Department's written consent.**
- Require grant recipients to maintain an orderly accounting system to document that expenditures are made in accordance with project budget. This includes keeping copies of all bids, paid invoices, canceled checks and other appropriate paperwork.
- Review any change order forms submitted. If approved, submit to ADEQ.
- Review requests for delay of start of grant projects. If approved, submit to ADEQ.
- Compile and submit annual progress reports to ADEQ by **September 1** of each year for a period of five years following the disbursement of funds, or until the expenditure of grant funds is complete.
- Notify ADEQ in the event a recipient has not met conditions of the approved grant application.

All grants are subject to audit. Department personnel have the right of access to all records pertaining to a grant-funded project or activity.

I hereby certify that I have read and agree to the conditions of grants as stated above and contained in the listed legislation and regulation.

  
Signature of Applicant's Authorized Representative

Director  
Title

479 738-6951  
Telephone Number

May 11, 2007  
Date

  
Signature of RSWMD Board Chairman

Wes Fowler  
Print name

6-29-07  
Date

Grant Number  
BMT01-07