

Part Two
MINIMUM REQUIREMENTS
FOR
REGIONAL SOLID WASTE MANAGEMENT
PLANS

PURSUANT TO

“THE STATEWIDE SOLID WASTE MANAGEMENT PLAN ACT”

Annual Plan Updates
Submittal Date
March 1



**RSWMD PLAN
GUIDELINES**
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MINIMUM REQUIREMENTS

Regional Solid Waste Management Plans

Preface

Part Two – Minimum Requirements for Regional Solid Waste Management Plans, is presented pursuant to the requirements set forth by the 83rd Arkansas General Assembly in Act 1376 of 2001, codified in Statute as Arkansas Code Annotated (A.C.A.) §8-6-1901 et al. Act 1376 of 2001 specifically charges the Arkansas Department of Environmental Quality with establishing minimum requirements for the development of new waste management plans by Regional Solid Waste Management Boards. The new plans will replace those previously required by Act 870 of 1989, codified as A.C.A. §8-6-701 et al.

Act 1376 of 2001 directs that the requirements include, at a minimum, requirements for:

1. **STRATEGIC PLANNING**
2. **REPORTING**
3. **PUBLIC NOTICE AND PARTICIPATION**
4. **SERVICES**
5. **SOLUTIONS TO PROBLEMS AND ISSUES**

The Department addresses this directive by requiring that each Regional Solid Waste Management Board respond to the established requirements set forth in this document, known as **Part Two – Minimum Requirements for Regional Solid Waste Management Plans**, which is a supplement to **Part One – The Statewide Solid Waste Management Plan for Arkansas**. Specifically, six major Solid Waste Management Goal areas have been established. These are:

1. **COLLECTION**
2. **DISPOSAL**
3. **RECYCLING**
4. **WASTE REDUCTION**
5. **SPECIAL MATERIALS**
6. **EDUCATION**

Act 1376 of 2001 requires that each Regional Solid Waste Management Board develop a solid waste management plan, pursuant to minimum requirements which have been established in this document. Boards shall submit their plan for Departmental approval within one year after the Statewide Solid Waste Management Plan becomes effective.

It is recognized that each Regional Solid Waste Management District's Plan shall be an ongoing project and, barring unforeseen developments, each plan shall remain in force for ten years from its approval date. Each Regional Solid Waste Management District's Plan shall include the establishment of definitive goals, relative to the individual District, within each of the six major goals areas named above, along with an Action Plan and an implementation timetable.

As goals for the District are reached and as changes take place, updates to such achievements and amendments to the original plan will be included in the District's **Annual Solid Waste Needs Assessment and Goal Achievements Report** (to be known as the **Annual Report**) and submitted to the Department for review and approval. The **Annual Report** will include progress made toward goals established by each District.

PART TWO PROCEDURAL GUIDELINES REGIONAL SOLID WASTE MANAGEMENT PLANS

I. Plan Submittal

- A. Act 1376 of 2001, codified as A.C.A. §8-6-1901 et seq., requires that a **Statewide Solid Waste Management Plan** be developed by the Arkansas Department of Environmental Quality. **Part One** contains the portion of the Plan relative to Departmental actions and activities.
- B. Act 1376 further requires that minimum requirements be set forth for **Regional Solid Waste Management District Plans**. **Part Two– Minimum Requirements for Regional Solid Waste Management Plans** of the **Statewide Plan** is the guideline for Districts to follow in completing their individual plans.
- C. The **Statewide Solid Waste Management Plan** will not be entirely effective until Regional Solid Waste Management Boards have developed and are implementing **Regional Solid Waste Management Plans**.

II. Formatting

- A. To obtain the truest picture of programs, services and activities relative to integrated solid waste management across Arkansas, each **Regional Solid Waste Management Plan** must be consistent with and structured like the **Statewide Solid Waste Management Plan** and other Districts' plans.
- B. However, each **Regional Solid Waste Management Plan** shall be different from other Districts' plans in the sense that each plan shall be cognizant of the unique needs of the individual District.

III. Summarization

Approved **Regional Solid Waste Management Plans** will be summarized into the **Statewide Solid Waste Management Plan** to give an overall picture of integrated solid waste management throughout Arkansas, and published at www.adeq.state.ar.us.

IV. Report Consolidation - Needs Assessments, Goal Achievements and Programs

NOTICE: Regional Solid Waste Management Plans and subsequent updating via Annual Reports shall constitute and shall satisfy, at the least, these reporting requirements:

- 1. Shall serve as the “Regional Needs Assessment” required under A.C.A. §8-6-1901 et seq., as well as under A.C.A. §8-6-716, and under Regulation 22.**
- 2. Shall serve as the annual Waste Tire Site Report required of Districts under statute and Regulation 14. (Separate reports will be required for quarterly waste tire grant disbursements and for permitted waste tire facilities owned by Districts.) (Application forms will still be required for waste tire grants.)**
- 3. Shall serve as the annual Recycling Program reporting required of Districts under statute and Regulations 11 and 28. (Applications will be required for recycling grants.)**

- A. Act 1376 of 2001, codified as A.C.A. §8-6-1901 et seq., specifically includes reporting requirements. **Part Two – Minimum Requirements for Regional Solid Waste Management**

Plans is formatted to allow Districts to provide up-to-date data on current activities as well as to evaluate needs for the future.

- B. Districts are subject to reporting requirements much like the Solid Waste Management Division follows when reporting strategic planning changes or goal related progresses to the Arkansas Department of Environmental Quality for the Department-Wide Ten-Year Strategic Plan. The Department requires reports from the Division on both an annual basis and as requested by the Director. Subsequently, an overall review of the **Statewide Solid Waste Management Plan** is necessitated each year, at the least.
- C. For reporting consistency, accuracy, and timely information across the State, annual submittals are required from Regional Solid Waste Management Districts of strategic planning changes as well as annual updates of goal related achievements.
- D. The **Annual Report** will be simplified by requiring updated responses only to questions or areas where data or changes have taken place during the previous year, following the format provided herein.
- E. The **Annual Report** will consist of a copy of the most recently approved plan that the Board has updated by simply deleting old language or data with a ~~strikethrough~~ and by marking new language or data with an underline or **highlight (redline)**.
- F. Information gleaned from **Regional Solid Waste Management Plans** and **Annual Reports** will be gathered by the Arkansas Department of Environmental Quality into a statewide-report format and published on its website at www.adeg.state.ar.us.

V. **Amendments**

- A. Regional Solid Waste Management Districts' Plans may be amended as changes or additions occur or as determined by the Regional Solid Waste Management Board or by the Arkansas Department of Environmental Quality.
- B. Amendments shall identify additions to an existing project, program or situation and/or changes needed to implement a new project or program.
- C. Amendments or changes should be identified in numerical order as addenda to an existing plan.
- D. Unless otherwise determined by the Board or by the Department, amendments shall be submitted along with the **Annual Report** for review and approval.

VI. **Effective and Due Dates**

- A. **Regional Solid Waste Management Plans** shall become an integral part of the ten-year **Statewide Solid Waste Management Plan**, which, in turn, is an integral part of the ten-year **Agency Strategic Plan** implemented by the Arkansas Department of Environmental Quality. A copy of the Department's plan is located at www.adeg.state.ar.us.
- B. Each **Regional Solid Waste Management District Plan** shall be an ongoing project with **Annual Reports**, changes and amendments incorporated as needed or as required, and, barring unforeseen developments, each plan shall remain in force for ten (10) years from its approval date.

- C. **Regional Solid Waste Management Plans** are required to be submitted for review and approval to the Arkansas Department of Environmental Quality, Solid Waste Management Division, within one (1) year after the effective date of the **Statewide Solid Waste Management Plan**.
- D. The Department will review the plans and respond within sixty (60) days of receipt. Districts shall submit changes required by the Department within ninety (90) days of notice.
- E. The effective date of the **Regional Solid Waste Management Plan** shall be the approval date to be determined by letter from the Arkansas Department of Environmental Quality.
- F. During the final year of the ten-year life of each **Regional Solid Waste Management District Plan**, a complete review of the plan by the Board and by the Department shall be achieved. Following the review, if deemed necessary by the Board or by the Department, the plan will be rewritten in its entirety.
- G. **Annual Reports** are due no later than March 1 of each year following the approval date of the District's Plan. Reports will be reviewed and responded to within sixty (60) days of receipt.

VII. Plan Submittal Steps

INITIAL PLAN STEPS:

- 1. **Complete Chapter One – Activities Analysis.**
Use previous year's data.
- 2. **Using information gathered in Chapter One, complete Chapter Two – Action Plan.**
- 3. **Attach Appendices' documents.**
- 4. **Submit for approval.**
Send an original by regular mail and an electronic copy.
(by e-mail, diskette or CD).

ANNUAL REPORT STEPS:

- 1. **Year one, update originally approved Plan.**
~~Strike-through old data~~ – Underline or highlight new data.
(For year two, update year one, etc.)
- 2. **Attach changes, amendments and other updated documents.**
- 3. **Submit for approval.**
Send an original by regular mail and an electronic copy.

ALL SUBMITTALS SHOULD BE MADE TO THE
CHIEF OF THE SOLID WASTE MANAGEMENT DIVISION
ARKANSAS DEPARTMENT OF ENVIRONMENTAL QUALITY.

PART TWO
MINIMUM REQUIREMENTS FOR
REGIONAL SOLID WASTE MANAGEMENT PLANS
REVISION TWO - 2009 VERSION

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MINIMUM REQUIREMENTS FOR REGIONAL SOLID WASTE MANAGEMENT PLANS For the Regional Solid Waste Management Districts

PART TWO - CHAPTER ONE — ACTIVITIES ANALYSIS

A.C.A. §8-6-704. Boards - Powers and duties. "(a) The regional solid waste management boards shall have the following powers and duties:....(2) To evaluate on a continuous basis the solid waste needs of their districts.....; (3) To formulate recommendations to all local governments within their districts on solid waste management issues, and to formulate plans for providing adequate solid waste management....."

Section 2.101 Overview

A. History

1. Provide a history of the District relative to legislated or regulated solid waste management requirements.

The Southwest Central Regional Solid Waste Management District (District or SWCRSWMD) was originally created in May of 1989 under the authority of Act 870 of 1989. Act 870 originally named the districts as "Regional Solid Waste Planning Boards". Each Board was given specific powers and duties as provided in Act 870. Some of these duties included preparation of "regional solid waste needs assessments" and issuance of "Certificates of Need" to applicants for solid waste disposal facility permits within their jurisdictions. The first regional solid waste needs assessments were to be submitted by January 31, 1991. Certificates of Need were to be considered by the districts based upon the regional needs assessments.

Act 752 of 1991 renamed the solid waste planning districts created by Act 870 of 1989 as regional solid waste management districts. Each district was to be governed by a regional solid waste management board. Act 752 expanded the powers and duties of the districts, as well as, allowing the boundaries of the districts to be modified. Waste tires, composting, recycling, and hauler licensing responsibilities were included in the responsibilities added to the districts as a result of Act 752 of 1991.

The Southwest Central Regional Solid Waste Management District has continually strove to comply with the rapidly changing solid waste regulations as they evolve in Arkansas. The recycling, tire, composting, and other programs described in detail in this solid waste management plan document the continued commitment to regulatory compliance that the District has maintained since its conception in 1989.

2. How were the District boundaries established?

The original District was formed as a result of Act 870 of 1989 and consisted of 10 counties. Act 870 designated the eight (8) existing Planning and Development Districts as the original boundaries of each of the original "Regional Solid Waste Planning Boards". As such, the 10 counties of the West Central Arkansas Planning and Development District constituted the original West Central Arkansas Regional Solid Waste Planning Board.

Act 752 of 1991 allowed the boundaries of the districts to be modified and new regional solid waste management districts to be created as prescribed. As a result, the original 10 counties of the West Central Arkansas Regional Solid Waste Planning Board merged into other regional solid waste management districts or formed single county districts at various times. The current boundaries of the District consist of a total of three (3) counties in southwest central Arkansas as described in following sections.

The District consists of the following three counties: Clark, Garland, Hot Spring.

3. What has been the District's greatest accomplishment in terms of solid waste management?

There have been several major accomplishments by the District. These accomplishments include the ability to consolidate the solid waste volumes collectively to negotiate and obtain the best possible solid waste disposal contract for District residents. Also, the opening of the District Recycling Center and the implementation of the Household Hazardous Waste Collection Program are viewed as major accomplishments that serve all District residents.

B. Current

1. Describe the Board's planning process as it relates to legislated or regulated solid waste management requirements.

The actions and policies of the SWCRSWMD Board of Directors are a reflection of the collaboration of ideas obtained through regular communication/meetings among the officials of the local member governments, the Solid Waste System Managers in the member jurisdictions and public input from a Citizen's Advisory Committee. The District completed its first Regional Solid Waste Management Plan and Modified Needs Assessment in 1992. The planning process provides guidelines to assist the District's local governments in fulfilling the requirements of the applicable laws and to provide an adequate comprehensive solid waste management system. The planning process is regularly updated, via needs assessments and regular planning meetings, to create financially sound solid waste management systems. The mandates specified in the legislation forced local governments to work cooperatively in the development of the District's solid waste management efforts. The District has a proven history of inter local cooperation between jurisdictions working together to meet solid waste management mandates.

2. What does the District want the Plan to do for the citizens of its area?

The SWCRSWMD Regional Solid Waste Management Plan should help develop, implement and/or maintain a comprehensive Solid Waste Management System that is the most environmentally safe and economically sustainable for the citizens within the Plan area, while incorporating the goals and objectives as set forth by the State Solid Waste Management Plan.

3. Give a descriptive snapshot of solid waste management in the District.

Each of the three member counties of the SWCRSWMD take an "individualistic" approach to solid waste management within their respective counties in some regards, yet are united as a "team" and function that way in other regards. The counties are united in the fact that they cooperate as a group to determine the best possible solution for disposal of all Class I solid waste, because there is no Class I Landfill located within District boundaries.

The Solid Waste Management System in the District is actively functioning in the manner that the legislation was originally drafted had intended. The "regional" concept is a departure from the customary approach of all municipalities and counties dealing with Solid Waste Management

alone. However, the District has shown the willingness to approach solid waste issues in a fashion that can be beneficial to both the individual localities and reap benefits for the collective body as well. This cooperation is well evidenced with the continued growth of operations of the Southwest Central District Regional Recycling Center. This Materials Recovery Facility (MRF) was the first three-county facility to open in the State of Arkansas.

By maintaining communication and regular meetings among the officials of the local member governments and the Solid Waste System Managers in the member jurisdictions, actions and policies of the Board of Directors will be a reflection of the collaboration on key Solid Waste Management issues. Also, the District will seek to broaden the scope of views and concerns it considers on Solid Waste Management issues by involving and informing the citizens of the District about the issues faced by the member entities. The primary vehicle currently employed to gather public input is the utilization of a Citizen's Advisory Committee.

The District has no Class I disposal capacity, yet the District does address disposal capacity. To meet short-term requirements of Act 752 of 1991, section 8-6-716, paragraph 3, section C, the SWCRSWMD contracted with the Saline County Landfill for a five-year term for the disposal of Class I waste until September 1998. The SWCRSWMD contracted with BFI Waste Systems for the disposal of Class I waste in the BFI Model Fill Landfill in Little Rock (Pulaski County) from October 1, 1998, through September 30, 2005. Beginning October 1, 2006, the SWCRSWMD has contracted with Waste Management of Arkansas, Inc. for the disposal of Class I waste in one of their Landfill sites located in Jefferson County, Pulaski County and Yell County. This Agreement will continue through September 2012.

A.C.A. §8-6-703. Creation of districts and boards - Members of boards et seq.....”

A. District

1. Provide a chart that gives the organizational hierarchy of the District and/or its affiliates, agencies and/or peripheral organizations.

The general organizational hierarchy of the District is summarized as follows:



*The Board of Directors contracts with the West Central Arkansas Planning and Development District to provide administrative support to the District. The West Central Arkansas Planning and Development District employs the District Solid Waste Program Coordinator and other staff to provide these services.

2. Describe the role the District plays in the development and implementation of effective solid waste management programs.

The SWCRSWMD continues to address the solid waste stream generated by the member counties as a whole in order to develop and implement cost effective disposal alternatives. The District’s role in the development and implementation of effective solid waste management programs is to provide the necessary administrative and technical support to the individual jurisdictions in accomplishing their parts in the successful implementation of integrated solid waste management systems.

3. Append administrative procedures, regulations, ordinances or policies relative to the District.

See APPENDIX A for the administrative procedures, regulations, ordinances and policies relative to the District.

B. Board

1. Provide a list or an organizational chart of Regional Solid Waste Board Members of the following:
 - a. Number of members on the Board.
 - b. Identify of chairperson.
 - c. Name, title, address, phone and fax numbers, and e-mail address for each member.
 - d. County or city represented.

Clark County

Ron Daniell, Clark County Judge (SWCRSWMD Board Chairman)
Courthouse Square
Arkadelphia, AR 71923
870-246-5847, (fax) 870-245-3092
ron@clarkcountyarkansas.com

Jimmy Bolt, Arkadelphia City Manager
700 Clay Street
Arkadelphia, AR 71923
870-246-9864, (fax) 870-246-1813
jimmy@cityofarkadelphia.com

Clayton Franklin, Mayor of Gurdon
P. O. Box 246
Gurdon, AR 71743
870-353-2515, (fax) 870-353-5200
*no e-mail address currently available

Garland County

~~Larry Williams~~ Rick Davis, Garland County Judge (SWCRSWMD Board Vice-Chairman)
501 Ouachita Avenue
Hot Springs, AR 71901
501-622-3600, (fax) 501-622-3799
rdavis@garlandcounty.org

Lance Hudnell, Hot Springs City Manager (SWCRSWMD Board Vice-Chairman)
P. O. Box 700
Hot Springs, AR 71902
501-321-6811, (fax) 501-321-6814
lhudnell@cityhs.net

Hot Spring County

Bill Scrimshire, Hot Spring County Judge
Courthouse-210 Locust Street
Malvern, AR 72104
501-332-2261, (fax) 501-332-2221
cjudge@hotspringcounty.org

Stephen Northcutt, Mayor of Malvern (SWCRSWMD Board Secretary)
305 Locust Street
Malvern, AR 72104
501-332-3638, (fax) 501-332-7607
mayor@malvernar.gov

2. Provide a schedule and location(s) of board meetings? (i.e., monthly, every third Tuesday)

Board meetings are held at the offices of West Central Arkansas Planning & Development District, Inc., 1000 Central Avenue, Hot Springs, on the third Wednesday of the months of January, March, May, July, September and November.

C. Staff

1. Provide a list or an organizational chart of Regional Solid Waste Management District staff members showing the name and title of each person.

The Southwest Central Solid Waste Management Board has entered into a contract with the West Central Planning and Development District to provide support services. Several of the staff of the West Central Planning and Development District are available to assist the District in solid waste related issues. The staff members involved in solid waste management issues are as follows:

West Central Arkansas PDD, Inc.
P. O. Box 21100
Hot Springs, AR 71903
501-525-7577, (fax) 501-525-7677
Dwayne Pratt, Executive Director, dpratt@wcapdd.org
Tim Driggers, Project Coordinator, tdriggers@wcapdd.org

2. Provide phone, fax numbers and e-mail addresses for staff members who should be contacted for solid waste information for the District.

West Central Arkansas PDD, Inc.
P. O. Box 21100
Hot Springs, AR 71903
501-525-7577, (fax) 501-525-7677
Dwayne Pratt, Executive Director, dpratt@wcapdd.org
Tim Driggers, Project Coordinator, tdriggers@wcapdd.org

A. District

1. Describe the revenue sources that fund solid waste management activities within the District. Include the legal authority.

The revenue sources that fund solid waste management activities within the District include ADEQ Recycling Grants, Solid Waste Hauler Permit Fees and a self-imposed \$1.00 per ton fee on all solid waste that is transported to the designated Disposal Class I Landfills.

2. List all revenue sources and/or fees, such as user fees, waste disposal fees, licensing fees, grants, loans, rental income, earned interest and sales of recovered materials. Provide an estimation of total receipts from each revenue source from the previous year for the District. Estimate the percentage of annual revenue from each source.

REVENUE SOURCE	ANNUAL RECEIPTS	% ANNUAL REVENUE
Hauler License Fees	\$4,100	1.1%
ADEQ Grants	\$262,453	71.0%
Waste tipping fee	\$102,962	27.9%
TOTAL	\$369,515	100%

3. List the solid waste services that are supported by these revenues.

The solid waste services that are supported by these revenues include operation of the District Recycling Center, engineering services, and administrative services. More specifically, the funds support the following:

- Compliance assistance
- Operation of the District MRF
- Complaint investigation
- Assistance with collection and disposal of waste
- Development and implementation of the District budget
- Fee collection
- Administration of programs grants, hauler licensing, and waste tire management
- Planning required of the Regional Solid Waste Management District
- Administration of the recycling grant program
- Supervision of the collection and disposal of waste tires

4. Provide a report, such as a financial statement or profit/loss statement, for the most recent fiscal year that identifies solid waste revenues and expenditures for the District. (This report should be an expansion of and be complementary to the annual audit report provided by outside independent auditors.)

District Financial information is attached in APPENDIX B.

B. County

List the solid waste services that are supported by county revenues.

COUNTY	REVENUE SOURCES
Clark County	Tipping fees at Class IV landfill, monthly billing to serviced residents
Garland County	Tipping fees at Class IV landfill; monthly billing to all residents; sales tax
Hot Spring County	Sales Tax

- a. Clark County provides curbside collection for residents in the unincorporated areas. Participation in solid waste services is not mandatory for the unincorporated areas of the County. Clark County owns and operates a permitted Class IV landfill.
- b. Garland County supplies containers curbside for residents. Collection of the containers is arranged via contract with private industry by geographic area. Participation in solid waste services is mandatory for the unincorporated areas of the County. Garland County owns and operates three transfer stations. The County supplies open top roll-off containers for class IV waste as needed, for the tipping fee. Drop off of recyclable material is available at the transfer stations.
- c. Hot Spring County provides 10 convenience stations for drop off of Class I, Class IV, and recyclable materials. The County picks up the material from the convenience stations and takes it directly to one of the three available Waste Management, Inc. landfills utilized. Participation is mandatory, with revenues from a county-wide sales tax.

C. City

List the solid waste services that are supported by Class 1 city revenues.

CITY	REVENUE SOURCES
Arkadelphia	Monthly mandatory fee on water bill
Hot Springs	Monthly mandatory fee on water bill
Malvern	Monthly mandatory fee on water bill

Arkadelphia	City owned and operated collection- curbside
Hot Springs	City owned and operated collection- curbside, City transfer station, commercial msw, separate roll-off service for Class IV, City trucks transport to Landfill, yard waste service, curbside recycling
Malvern	City contracts with private industry for collection

A.C.A. §8-6-704. Boards - Powers and duties. "(a) The regional solid waste management boards shall have the following powers and duties: (1) To collect data, study, and initially evaluate the solid waste management needs of all localities within their districts, as provided in § 8-6-716;....."

A. Planning Area

1. Identify the District by its full name. List the counties and cities that comprise the District.

Southwest Central Regional Solid Waste Management District

COUNTY	MUNICIPALITIES
Clark County	Amity, Arkadelphia, Caddo Valley, Gum Springs, Gurdon, Okolona, Whelen Springs
Garland County	Fountain Lake, Hot Springs, Hot Springs Village, Lake Hamilton, Lonsdale, Mountain Pine, Piney, Rockwell
Hot Spring County	Bismarck, Donaldson, Friendship, Malvern, Perla, Rockport

2. Provide a map clearly showing the jurisdictional areas of the District.

Maps depicting the jurisdictional areas of the District are presented in APPENDIX C.

3. Include the area of any solid waste management authorities within the District.

The only solid waste management authority in the District is the Hot Spring County Solid Waste Authority. The area of the Hot Spring County Solid Waste Authority is limited to the geographic boundaries of Hot Spring County.

B. Population

1. List the most current population of the District (list by county; provide source of information and year). Current populations may be found at www.census.gov/main/cen2010.html or <http://quickfacts.census.gov/fgd/states/0500.html>.

COUNTY	DISTRICT POPULATION	
	POPULATION	POPULATION *
Clark County	23,546	22,995
Garland County	88,068	96,024
Hot Spring County	30,353	32,923
Total Population	141,967	151,942

* ~~2000~~ 2010 Census

2. Describe how the population has changed over the last ten (10) years.

The total population in the District has increased from ~~120,995~~ 141,967 to ~~141,967~~ 151,942 during the 10 year period from ~~1990~~ 2000 to ~~2000~~ 2010.

3. Provide a population projection for the next ten (10) years.

Based upon current population trends, the overall population in the District is expected to increase by approximately 15% in the next 10 years. A 10-year population projection for each county in the District follows.

10-YEAR POPULATION PROJECTION

COUNTY	PROJECTED CHANGE IN POPULATION	POPULATION ESTIMATE FOR 2014*
Clark County	1%	23,781
Garland County	11%	97,755
Hot Spring County	3%	31,264
Total Population		152,800

- Are there any significant demographic trends that may affect waste disposal or waste generation figures in the District?

The 10-year population projection indicates the District’s population will continue to increase. Therefore the District’s waste disposal and waste generation figures will continue to increase accordingly.

- Are large groups of people moving into or out of the area for any special reason?

There are no particularly large groups of people moving into or out of the District.

C. Industry

- Provide a business profile for the District.

The following table provides a breakdown by industry type for the District:

County Business Profile Total Establishments			
Sector	County		
	Clark	Garland	Hot Spring
Forestry, Fishing, Hunting and Agriculture Support	43	25	21
Construction	43	354	73
Manufacturing	35	114	44
Wholesale Trade	18	104	23
Retail Trade	109	503	115
Transportation and Warehousing	25	54	32
Finance and Insurance	33	150	29
Other Services	286	1294	245
Unclassified Establishments	6	27	8

2. Identify and discuss regional economic factors that are expected to affect future waste generation rates and quantities over the next ten (10) years.

The District expects economic development efforts to pay off over the next 10 to 20 years. Over the next 10 years the waste generation rates for the District as a whole are expected to increase.

D. Haulers

A.C.A. §8-6-721. Licensing haulers of solid waste. (a) A person who engages in the business of hauling solid waste must obtain a license from the regional solid waste management board if: (1) The person is engaged in the collection of solid waste within the district; or (2) The person is engaged in the transportation of solid waste for disposal or storage in the district.

1. Explain the process by which a person who engages in the business of hauling solid waste obtains a license from the Regional Solid Waste Management Board.

All commercial solid waste haulers must be licensed by the District. Approximately 20 solid waste haulers are currently licensed by the District annually. The licensing period is from January 1 through December 31. Each hauler that was licensed the previous year is sent a letter in November of each year reminding them that it is time to renew their permit to haul solid waste. Notices are also published in the local newspapers. New haulers must obtain the application forms directly from the District office. The letter includes an application form and instructions to send a designated fee per vehicle. As each hauler responds with the completed application and fees, they are sent a confirmation letter, a hauler certificate, and stickers for each vehicle. All haulers must also present proof of insurance documentation.

2. What process does the District use to oversee active licensees? Do regular inspections of the haulers for compliance take place? Are licenses revoked for non-compliance, such as hauling waste without a cover?

Solid waste haulers are required to renew their license on an annual basis as explained in D.1. This provides the District with the opportunity to review the compliance history of the hauler as related to solid waste hauling. The District depends upon the solid waste management facilities within the District to insure that haulers are properly licensed and in compliance with regulations related to the transport of solid waste. The annual license process provides the District with an opportunity to review any complaints that have been registered against any hauler. The District has the authority to decline the application for solid waste hauling if the District deems it necessary.

3. Include here (or append) a copy of the District's hauler's licensing policy and procedures, as well as an updated listing of licensed haulers and service areas.

A copy of the District's hauler's licensing policy and procedures is presented in APPENDIX D.

E. Volumes

A.C.A. §8-6-716. Regional needs assessment.(a)...(2) The assessment shall include, at the minimum, the following:

(A) An evaluation of the amount of solid waste generated within the district and the amount of remaining disposal capacity, expressed in years, at the solid waste disposal facilities within the district that are permitted under the Arkansas Solid Waste Management Act, § 8-6-201 et seq.;"

1. Provide a waste stream characterization with data concerning waste types and amounts generated and disposed within the district and/or waste transported out of the District for disposal.

It is acknowledged that annual waste volume projections are only approximations of what may happen in a planning area, no matter what method is used. Projected annual volume of solid waste generated within the District is summarized in three general areas utilizing per capita multipliers:

1. Residential Municipal Solid Waste (includes commercial, but not industrial_waste): Municipal Solid Waste (MSW) generation in 2001 declined nationally to 4.4 pounds per person per day, or 0.804 tons per person per year. MSW consists of everyday items such as product packaging, grass clippings, furniture, clothing, bottles, food scraps, newspapers, and appliances. Not included are materials that also may be disposed of in landfills but are not generally considered MSW, such as construction and demolition debris, municipal wastewater treatment sludges, and non-hazardous industrial wastes.

Based on actual waste receipt records the District estimates a waste generation factor of .606 for all portions of the population. The combination of these factors and the projected population figures for 2003, the District generates a solid waste stream of **139,453** tons, less recycling (that is estimated to be 10% of the total waste stream). After application of the projected rate of recycling, the District generates 125,508 tons of solid waste for disposal.

2. Commercial Waste is considered a portion of the Residential Municipal Solid Waste and generally consists of waste from schools, some industrial sites where packaging is generated, and businesses. The above calculated amount of Residential MSW therefore includes the Commercial waste. In general, commercial waste constitutes 35% to 45% of the above Residential MSW.

3. Industrial Waste is non-hazardous waste generated during the course of routine industrial or manufacturing operations. The estimates of the volume of industrial wastes were produced using a multiplier of 0.260 tons per person per year. This estimate was obtained from the Solid Waste Division of the ADEQ.

The following section discusses the actual amount of waste disposed within the District or transported out of the District based upon facility and District records. These amounts can be compared to the general characterization described above.

2. For the most recent calendar year, how many tons of solid waste were generated within the District and disposed in Class I landfills or other solid waste management facilities located in or out of the District?

WASTE DISPOSED IN DISTRICT LANDFILLS

FACILITY	CLASS I WASTE	CLASS IV WASTE	CLASS III WASTE
Garland County Class IV	Not Applicable	85,616 tons	Not Applicable
Clark County Class IV	Not Applicable	5,782 tons	Not Applicable
District waste transferred to WM	102,962 tons	Included	Not Applicable
TOTAL	102,962 tons	91,398 tons	

Summary:

During the year 2010, Class 1 solid waste disposed in the Waste Management, Inc. landfills was 102,962 tons, based on actual waste receipt records.

3. To the best of your ability, examine and discuss the trends regarding the sources of solid waste generated using the following categories:
 - a. Residential
 - b. Commercial
 - c. Industrial

Residential Trend: Nationwide, we experienced a decrease of 1.2 percent in the waste generation rate from 2000 to 2001. The sources of residential waste in the District will most likely remain constant or increase in the future due to the mild population growth in the District.

Commercial: The sources of Commercial waste will most likely remain constant or slightly increase in the future due to the population growth remaining relatively level in the District.

Industrial: The existing waste generated by industries within the District is expected to remain constant over the next 10 years.

4. To the best of your ability, provide the current disposal capacity of the facilities within the District's service area.

See APPENDIX G.

5. To the best of your ability, examine and discuss the trends regarding the types of solid waste generated using the following categories:
 - a. Yard waste
 - b. Construction/demolition waste
 - c. Tires
 - d. Recyclables
 - e. White goods
 - f. Municipal solid waste

Yard waste: Nationally, yard waste constitutes about 12.2% of the overall MSW generated. The District has been very proactive on provisions for yard waste collection and composting. Since

the generation of yard waste is largely dependent upon the population of the plan area, the trend in yard waste generation is expected to remain constant. The City of Hot Springs operates a composting facility. Garland County maintains a mulch pile at the Class IV Landfill. Clark County maintains a mulch pile at the Class IV Landfill. The City of Arkadelphia transports mulch to the Clark County Landfill mulch pile. Hot Spring County does not currently accept yard waste.

Construction/Demolition waste: Construction and Demolition Waste is related to the industrial and residential development within a planning area. As mentioned previously, the residential and industrial base in the District has experienced an overall increase. Therefore, the expected generation of Construction/Demolition waste is expected to increase gradually.

Tires: Waste tire generation rates are also directly related to the population trends in a planning area. Since the population trends in the District are generally increasing, an increase of the waste tire generation rates could be expected.

Recyclables: All three (3) of the District counties have developed recycling programs over the past ten years. These programs range from the most comprehensive recycling program to drop off centers. The District expects an increase in the recycling rate with more emphasis placed on the implementation and refining of existing systems.

White goods: White goods generally consist of appliances such as refrigerators, clothing washers, and dryers. The generation rates of these wastes are also directly related to the population trends in a planning area. Since the population trends in the District are generally increasing, an increase of the white goods generation rates could be expected.

Municipal solid waste: As discussed previously, municipal solid waste generation nationally is estimated via average multipliers. Since the population of the District has basically remained steady, future generation rates should stabilize or even increase over the next 10 years.

6. Has the waste stream increased or decreased over the last five (5) years? Explain.

As discussed previously, the waste stream generated within the District has experienced a slight increase over the past 5 years. However, the increase in District collection capability, along with the emphasis on stopping open dumping has directed more waste to permitted solid waste management facilities.

7. Project the waste stream for the next five (5) years. Support your projections.

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total Population	141,967									
% Change Projected (Average)		1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%
Projected Population		144,097	146,258	148,452	150,679	152,939	155,233	157,561	159,925	162,324
Waste Multiplier (tpy/person)		0.606	0.606	0.606	0.606	0.606	0.606	0.606	0.606	0.606
Projected Waste Generation (tpy)		87,322	88,632	89,962	91,311	92,681	94,071	95,482	96,914	98,368

F. Flow

A.C.A. §8-6-716. Regional needs assessment.(a)...(2) The assessment shall include, at the minimum, the following:

An evaluation and balancing of the environmental, economic, and other relevant factors which would be implicated by acceptance of solid waste from beyond the boundaries of the district.

Evaluate the environmental, economic, and any other factors that are affected by the acceptance of solid waste from beyond the boundaries of the District and the transfer of solid waste outside of the District.

Even though the District has made significant progress in managing the waste generated within the District, all Class I waste is currently hauled out of the District for disposal. Waste that is shipped out of the District is not available for the recycling programs implemented by the District. The potentially recyclable material shipped out of the District reduces the total quantity of marketable material. Since quality and quantity of recyclable material affects the amount of money that will be paid for the material, associated revenues could be lost or marketability could be reduced.

Also, the greater the volume and rate of waste received at a landfill, the less per ton the cost for the disposal. The larger the population area that shares the expense of a landfill operation, the less the individual residents will have to pay.

A.C.A. §8-6-704. Boards - Powers and duties. "(a) The regional solid waste management boards shall have the following powers and duties:

- (1) To collect data, study, and initially evaluate the solid waste management needs of all localities within their districts, as provided in § 8-6-716, and to publish their findings as a regional needs assessment;*
- (2) To evaluate on a continuous basis the solid waste needs of their districts, and thereby update the regional needs assessments at least biennially;*
- (3) To formulate recommendations to all local governments within their districts on solid waste management issues, and to formulate plans for providing adequate solid waste management....."*

A.C.A. §8-6-710. Solid waste management responsibility. (a)(1) Each regional solid waste management board shall be the governmental entity primarily responsible for providing a solid waste management system for the district.

A. Collection Services

1. Describe the role the District plays in the development and implementation of collection services.

The District solid waste collection systems are operated by both public and private service providers. The collection services include curbside pick-up and voluntary drop-off/transfer stations.

The District also has 14 existing transfer stations. Convenience stations are included as transfer stations only if they have stationary compactors and a facility design allowing the transfer of wastes from local collection service trucks.

The District role in the development and implementation of collection services is to provide education, administrative, planning, and financial resources to the member local jurisdictions. These efforts have resulted in collection systems that provide collection service to most areas of the planning area.

2. List all counties and/or municipalities in the District that have door-to-door/curbside collection service.

See APPENDIX E for a complete listing of all counties and municipalities and the associated collection provisions. See Section 2.104B for population information. See Section 2.103 B.&C. for narrative description of services provided for counties and municipalities.

3. Include the funding mechanism that provides the service (county tax, water bill, etc.), to the extent information is available or to the best of your ability.

Refer to section 2.103 B. for a listing of the sources of revenue for each of the member counties, and Section 2.103 C. for a listing of the sources of revenue for each of the Class 1 municipalities.

4. What types of services do the counties or municipalities rely on for collection?

See APPENDIX E for a complete listing of all counties and municipalities and the associated collection provisions. See Section 2.103 B.&C. for narrative description of services provided for each county and municipality.

5. Whose responsibility is it to arrange for collection in each county?

See APPENDIX E for a complete listing of all counties and municipalities and the associated collection provisions. See Section 2.103 B. for narrative description of services provided for each county and municipality.

6. Is participation mandatory or voluntary?

The arrangements and responsibilities for collection are discussed in detail in 2.103 B.

7. What is the percentage of the District's residents that do not participate in a collection service?

Based upon the widespread availability of private waste collection, the District estimates that less than 20% of the District residents do not participate in a collection service.

8. List all counties and/or municipalities within the District that do not have access to some type of collection service or access to inadequate collection service. Include populations.

As explained above, all counties and municipalities within the District do have access to some type of collection service.

9. Is there a system that works well within the District? Explain.

Garland County and Clark County offer curbside collection, along with the City of Hot Springs and the City of Arkadelphia. Both of these work well, along with Hot Spring County's drop-off system. Each entity has a current system that they feel works well for the individual entity.

10. Describe progress and setbacks in collection service efforts within the District.

Progress would be considered the accomplishment of each governmental entity establishing a solid waste management system that works effectively for that entity. There are not significant setbacks that have encumbered this process.

11. Provide an evaluation of solid waste collection needs within the District.

The cost of collection and transportation are the items of most concern for all entities within the District. The District is striving to maintain an economical integrated solid waste management system that meets all of the requirements.

B. Disposal Services

A.C.A. §8-6-704. Boards - Powers and duties. "(a) The regional solid waste management boards shall have the following powers and duties:

(4) To issue or deny certificates of need to any applicant for a solid waste disposal facility permit within their districts with the exception of permits for landfills when a private industry bears the expense of operating and maintaining the landfill solely for the disposal of waste generated by the industry or wastes of a similar kind or character;...."

1. Describe the role the District plays in the development and implementation of disposal services.

The District does not own or operate a municipal solid waste landfill. The District is primarily served by contract with Waste Management, Inc. (Class I) and the two Class IV landfills located within the District. The role of the District in the development and implementation of disposal services is to continually evaluate the disposal capacity to insure that sufficient capacity is available to serve the needs of the District. This involves the evaluation of Certificate of Need petitions as submitted to the District and securing waste disposal capacity via contract arrangements. The District also serves as a source of information concerning disposal related issues.

2. Does the District own and/or operate or partner with others on any disposal facilities?

The District contracts with Waste Management of Arkansas, Inc. for Class I waste disposal.

3. What part does the District play in the disposal of wastes for its citizens?

The District does not own or operate a municipal solid waste landfill. The District is primarily served by contract with Waste Management, Inc. (Class I) and the two Class IV landfills located within the District (APPENDIX F). The role of the District in the development and implementation of disposal services is to continually evaluate the disposal capacity to insure that sufficient capacity is available to serve the needs of the District. This involves the evaluation of Certificate of Need petitions as submitted to the District and securing waste disposal capacity via contract arrangements. The District also serves as a source of information concerning disposal related issues.

4. What counties or municipalities own and/or operate or partner with others on any disposal facilities?

Clark and Garland Counties own and operate Class IV landfills. There are no Class I landfills located within the District. No formal partnerships between local jurisdictions for waste disposal are currently in place.

5. What part do the counties or municipalities play in the disposal of wastes for its citizens?

As described previously, only two local jurisdictions own and operate Class IV facilities within the District. The local authorities are aware of their responsibilities to provide solid waste management systems and will continue to provide this element of an integrated solid waste management system via contract with private companies as arranged by the District.

6. Describe progress and setbacks in disposal service efforts within the District.

The District's arrangement for disposal capacity via contract has led the District to adequate disposal capacity to meet the needs of the local jurisdictions. The continued participation of the individual jurisdictions is essential to continued economic disposal options. The successful negotiation of a contract for disposal capacity is also essential to the disposal efforts of the District.

7. Provide an evaluation of solid waste disposal needs within the District.

As described previously, the Class I disposal capacity within the District is maintained by contract with a landfill outside of the District. Although this arrangement has worked out successfully in the past, the District is dependent upon facilities located outside their jurisdiction. The arrangements can only be guaranteed through the length of the contract. There could be a need to establish Class I disposal capacity within the District in the future.

C. Recycling Services

A.C.A. §8-6-704. Boards - Powers and duties. "(a) The regional solid waste management boards shall have the following powers and duties: (7) To establish programs to encourage recycling;....."

A.C.A. §8-6-720. Opportunity to recycle - Recyclable materials collection (a)(1) Beginning July 1, 1992, each regional solid waste management board shall ensure that its residents have an opportunity to recycle. "Opportunity to recycle" means availability of curbside pickup or collection centers for recyclable materials at sites that are convenient for persons to use.....et al."

1. Describe the role the District plays in the development and implementation of recycling services.

The District role in the implementation of recycling programs includes education, administration, technical assistance, funding, and coordination. The District meets with elected officials, community groups, and educational institutions about recycling needs and provides technical assistance for starting and growing recycling programs. Grant information is made available to eligible parties as a means to help meet local goals. Site visits are conducted to review progress and identify ways to operate more efficiently.

2. Name the District (or county or municipality within) have a recycling coordinator?

The District contracts with the West Central Planning and Development District for administrative services. The recycling contact for the District is:

Tim Driggers
West Central Arkansas PDD, Inc.
P. O. Box 21100
Hot Springs, AR 71903
501-525-7577, (fax) 501-525-7677
tdriggers@wcapdd.org

3. Provide a description of each recycling project within the District.

A list of all solid waste facilities in the District is provided in APPENDIX G. Additionally, a list of recycling grant projects has been included as APPENDIX H.

4. Include recycling and marketing efforts on the part of local programs, their principal end-users, and successes and failures.

The District operates a Material Recovery Facility (MRF) for processing recyclable material generated within the District. The MRF is located in a leased building in Hot Springs. The District funding is from the ADEQ recycling fund grants. Source separated recyclable material from the following local recycling provisions are transported to the District MRF for processing and marketing.

- a. Clark County provides curbside collection of municipal solid waste for residents in the unincorporated areas. Drop off of recyclable materials is available at drop off centers in Arkadelphia and Gurdon.
- b. Garland County has drop centers for recyclable material at the transfer County stations. The City of Hot Springs provides curbside collection of recyclable material and also has drop off available at the District MRF.
- c. Hot Spring County provides 10 convenience stations for drop off of Class I, Class IV, and recyclable materials. The County picks up the recyclable material from the convenience stations and takes it directly to the District MRF.

5. A.C.A. §8-6-720 requires that at least one Recyclable Materials Collection Center be established in each county of a District unless the Arkansas Pollution Control and Ecology Commission grants the Board an exemption. List these facilities and their locations.

A list of all solid waste facilities in the District is provided in APPENDIX G. Additionally, a list of recycling grant projects has been included as APPENDIX H. The following recycling provisions are available in each county:

- a. Clark County provides curbside collection of municipal solid waste for residents in the unincorporated areas. Drop off of recyclable materials is available at drop off centers in Arkadelphia and Gurdon.
 - b. Garland County has drop centers for recyclable material at the transfer County stations. The City of Hot Springs provides curbside collection of recyclable material and also has drop off available at the District MRF.
 - c. Hot Spring County provides 10 convenience stations for drop off of Class I, Class IV, and recyclable materials. The County picks up the recyclable material from the convenience stations and takes it directly to the District MRF.
6. List composting facilities in the District.

See APPENDIX G for a complete of solid waste management facilities within the District. As indicated in this list, the only permitted composting facility in the District is in the City of Hot Springs. Chipping and leaf collection services are offered in most counties and cities on an as needed basis.

7. Provide the volume and types of materials that were recycled in the District during the previous year.

Recycling volume for the District during the period of July 2009 through June 2010 totaled 11,034.89 tons. See Recycling Activity Surveys for July 1, 2009 through June 30, 2010 for a breakdown of items and volumes in APPENDIX H.

8. Do counties and municipalities in the District cooperate on recycling and marketing efforts?

The individual cities and counties comprising the District work cooperatively on recycling and marketing efforts under the direction of the District Board.

9. Describe progress and setbacks in recycling and marketing efforts by the District.

Progress: The effectiveness of the Regional Recycling Center would be considered significant progress. The City of Hot Springs recyclable material curbside collection is also considered significant progress. Each of the individual counties of the District have also made significant progress in the recycling efforts.

Setbacks: No significant setbacks are identified.

10. Provide an evaluation of recycling needs within the District.

The recycling efforts of the individual governments are outstanding. In general, the District needs the following enhancements to the overall recycling efforts:

1. Additional Strategically located Material Recovery Facilities
2. Additional drop-off Centers throughout the District
3. A comprehensive Recycling Education Program
4. Comprehensive Marketing Effort

11. Complete and append the annual reporting forms specific to the District's Recycling Program. (Recycling Program reporting forms shall be supplied separately from the Recycling Branch of the Arkansas Department of Environmental Quality, Solid Waste Management Division).

See APPENDIX H.

NOTE: If any of the responses to the questions listed above are also covered in the Recycling Program's reporting forms, please disregard the questions listed above and supply the responses on the forms themselves. This shall serve as the annual Recycling Program reporting required of Districts under statute and Regulations 11 and 28.

Completed reporting forms particular to the District's recycling program shall become an integral to the District's originally approved plan, and shall be required to be updated and submitted along with the Annual Report. (This does not apply to forms relating to recycling grant requests and disbursements.)

D. Waste Reduction Services

A.C.A. §8-6-711. District solid waste management system. (a) A district is authorized to own, acquire, construct, reconstruct, extend, equip, improve, operate, maintain, sell, lease, contract concerning, or otherwise deal in facilities of any nature necessary or desirable for the control, collection, removal, reduction, disposal, treatment, or other handling of solid waste.

1. Describe the role the District plays in the development and implementation of waste reduction services.

The District does not have a formal waste reduction program. However, the District has initiated a trial recycling/waste reduction education program targeted for presentation to all fourth grade classes located within District boundaries and does take every educational related opportunity to promote waste reduction.

2. List the waste reduction programs within the District.,) to the extent that information is available or to the best of your ability.

The District does not have any formal waste reduction program.

3. Provide an evaluation of waste-reduction needs within the District.

The District does not have any formal waste reduction program.

E. Special Materials Services

A.C.A. §8-6-710. Solid waste management responsibility. (a)(1) Each regional solid waste management board shall be the governmental entity primarily responsible for providing a solid waste management system for the district.

1. **Illegal Disposal Services**

- a. **Illegal Dumping Services**

- i. Describe the role the District plays in the development and implementation of Illegal dump control services.

The District does not maintain a formal illegal dump control program. The District role in illegal dump control is to assist the local governments. Local governments are active in identifying and closing illegal dumps that may occur within the District. Current enforcement practices in the District vary somewhat from county to county, but generally are motivated by complaints from county residents.

- ii. Provide a list or a map of approximate locations of the illegal dump sites known to be located within the District.

No illegal dumps sites are known within the District at this time.

- iii. Provide an evaluation of illegal dump needs within the District.

No illegal dumps sites are known within the District at this time.

b. Litter Services

- i. Describe the role the District plays in the development and implementation of litter control services.

The District does not have a formal litter control program. However, the District makes every effort to encourage the local governments to implement and maintain litter control programs.

- ii. Provide an evaluation of litter needs within the District.

There is not a formal litter control program administered by the District. There may be a need for the establishment of such a program.

c. Open Burning Services

- i. Describe the role the District plays in the development and implementation of open burning services.

The District does not have a formal open burning services program.

- ii. Provide an evaluation of open burning needs within the District.

The District does not have a formal program for prevention of open burning. There may be a need to develop such a program.

2. Waste Tire Services

A.C.A. §8-9-405. Waste tire grants. "(a) The Arkansas Department of Environmental Quality shall, by July 1, 1992, establish a program to make waste tire grants to regional solid waste management boards which desire, individually or collectively, to: (1) Construct or operate, or contract for the construction or operation of, a waste tire processing facility and equipment purchases therefor;.....et al."

a. Waste Tire Program Services

- i. Describe the role the District plays in the development and implementation of waste tire management program services.

The District is a member of the Central Arkansas Inter-District Waste Tire Program (Inter-District). The Inter-District contracts for the collection, transportation, and processing of all waste tires generated in the District. Pulaski County RSWMD is the District that chairs the Inter-District program. The Inter-District contractor is Davis Rubber. See APPENDIX I for a copy of the Inter-district Tire Management Program Agreement.

- ii. Describe the District's current waste tire collection, transportation, disposal program, and the type of process used to manage tires.

Davis Rubber is the District Contractor. There are two collection centers in Garland County, Clark County and Hot Spring County. The collection centers in Garland County are the Garland County Landfill, City of Hot Springs Transfer Station and Hobson Used Tire in Hot Springs. The collection centers in Clark County are Mid Ark Tire in Arkadelphia and Calley Tire in Gurdon. The collection centers in Hot Spring County are East Page Quick Lube and Malvern Tire in Malvern. The Upper Southwest RSWMD sub-contracts with Davis Rubber to collect the waste tires from Clark County and Garland County. The Upper Southwest RSWMD transports the waste tires to Ash Grove Cement for recycling. Also, the Upper Southwest RSWMD can transport the District waste tires to Davis Rubber for disposal where they are processed into TDF, playground fall zone rubber, septic chips, etc.

- iii. Does the program adequately serve the needs of the District? If not, what corrective measures are being undertaken?

The current program adequately serves the needs of the District.

- iv. List the waste tire collection centers for each county. Include the physical location. List the days and times of operation.

Southwest Central Arkansas RSWMD has two collection centers in Garland County, Clark County and Hot Spring County.

The collection centers in Garland County are: Garland County Landfill, 559 Wildcat Road, AR, 71902 hours of operation 8 am – 4 pm Monday thru Friday and the second is Hobson Used Tire, 507 Hobson, Hot Springs, AR, 71902 hours of operation 8 am - 4 pm Monday thru Friday .

The collection centers in Clark County are: Mid Ark Tire, 170 Valley, Arkadelphia, AR, 71913; hours of operation 7 am – 5 pm Monday thru Friday, and the second is Calley Tire, Hwy 67, Gurdon, AR 71743; hours of operation 7 am - 5 pm Monday thru Friday.

The collection centers in Hot Spring County are East Page Quick Lube, 628 East Page, Malvern, AR, 72104; hours of operation 8 am - 5 pm Monday thru Friday and Malvern Tire, 1303 Stanley, Malvern, AR 72104; hours of operation 8 am – 5 pm Monday thru Friday.

- v. List the waste tire processing facility(ies) used by the District. Include the physical location.

Davis Rubber, 1600 East 15th, Little Rock, AR, 72202 and Ash Grove Cement, 4457 Hwy. 108, Foreman, AR 71836.

- vi. If a waste tire processing facility is not used, list the type of facility that is used. Include the physical location.

Waste tires from the District are processed at Ash Grove Cement.

- vii. Include here (or append) the District's policy and procedures pertaining to waste tire issues.

The District policy follows Regulation 14 and all waste tires are manifested in the program. The Inter-District contract does provide the municipalities and the County with the option to cleanup waste tires and dispose of them in the program at no charge. See APPENDIX I for Waste Tire Program material.

b. Waste Tire Counting Services

- i. Describe the role the District plays in maintaining waste tire counts.

Every waste tire that is disposed of in the District Collection Centers is manifested as shown in Appendix I. A copy of the manifest and weight tickets is then turned in to the District by the contractor with the monthly bill for payment. Payment is made to the contractor on a per tire basis.

The District then maintains a running total of the waste tires collected according to tire type.

- ii. Describe the manifesting, accounting, or tire count process.

The Inter-District has its own manifest which records the number of waste tires being disposed, the tire retailer and his waste tire number, and the date of disposal. The manifest is signed by both the collection center and the tire retailer with each retaining a copy for their records. The District has a separate manifest for Individuals to record their disposal which includes their address and the date. The contractor/processor is paid a per tire month fee by the District based on tires manifested for disposal. A copy of each manifest is required with the monthly processing bill. The District then tracks sales against disposal for each tire retailer.

- iii. List the number and types of tires generated during the previous calendar year.

Southwest Central Arkansas Regional Solid Waste Management District generated **160,533** tires in the calendar year 2010. The types of tires generated were **165,218** passenger tires, **4,953** truck tires and **362** off road tires.

- iv. List the number and types of tires processed during the previous calendar year.

Same as III.

- v. List the number and types of tires disposed during the previous calendar year.

Same as III.

- vi. List the number and types of tires stored at the end of the previous calendar year.

No tires were stored at the end of the previous calendar year.

- vii. Describe the type of disposition and give the percent of each type of disposition (i.e., 80% TDF; 20% waste tire chip aggregate).

Davis Rubber, the District waste tire contractor, processed (in 2010) 70% into TDF, 4% into playground rubber, 4% into clean steel and 22% went to a permitted disposal facility.

c. Waste Tire Site Control Services

- i. Describe the role the District plays in the development and implementation of waste tire site control services.

The District coordinates with local law enforcement as necessary to identify illegal waste tire disposal sites. Illegal dump sites for all types of waste have been on the decline as reported previously in this solid waste management plan.

The District cooperates with the Inter District to manage waste tire site control services. The Inter District identifies illegal waste tire dump sites and works with property owners to clean the sites up.

- ii. Describe what the District is doing to control dumping of waste tires.

The District is working with the municipalities and county sanitation departments to facilitate disposal of waste tires. The District is striving to make waste tire drop off centers convenient to the public and dealers in order to encourage proper disposal. As a result, the occurrence of waste tire dump sites has been on the decline throughout the District. If large waste tire piles are identified, the District will apply to the ADEQ for abatement funds. The abatement of small waste tire piles is handled by the District and the local officials. The District also works with the ADEQ field inspectors to resolve any issues that might turn into a problem, such as a tire dealer stockpiling a large number of waste tires.

- iii. For each prior calendar year, provide a list of the number of waste tire sites abated, locations, number and types of tires for each site, and the cost of cleanup of each site. (This information is used for the national report to the Rubber Users Directory.)

None of these activities were conducted.

- iv. Describe how the District inventories waste tire sites.

Since all the significant waste tire sites have been cleaned up, the District does not keep an inventory of illegal waste tire disposal sites. The District addresses each site as they are identified and brought to the District's attention. The District visually estimates the number of waste tires in a waste tire site.

- v. How many waste tire sites are currently known to exist within the District? List and give approximate locations, rank the sites in order of abatement urgency and specify potential risks to human health and the environment. Provide photos where available. Provide estimates of the number and types of tires at each site. Provide estimates of the cost to clean up each site. Identify for each site whether or not the District will need to apply for abatement funds to clean up the site. Provide a timeline to eliminate known waste tire sites.

There are no known waste tire sites identified at this time.

NOTE: Responses to Waste Tire questions in the originally approved Plan and in subsequent Annual Reports shall serve as the annual Waste Tire Site Report required of Districts under statute and Regulation 14. (Separate reports will still be required for quarterly waste tire grant disbursements and for permitted waste tire facilities owned by Districts.) (Applications will still be required for waste tire grants.)

3. Batteries Services

Describe the role the District plays in the development and implementation of lead-acid battery services.

The District does not have a formal lead acid battery services program. The District role in development and implementation of lead acid battery services is limited to technical assistance, information, and referrals as needed by the individual jurisdictions within the District.

4. Waste Oil Services

Describe the role the District plays in the implementation of waste oil services.

The District does not have a formal waste oil program. The District role in development and implementation of waste oil services is limited to technical assistance as needed by the individual jurisdictions within the District.

5. Medical Waste Services

Districts do not play any role in the development or implementation of medical waste services. Any questions that arise should be referred to the Department of Health.

6. Hazardous Waste Services

If not related to household use, Districts do not play any role in the development or implementation of hazardous waste services. Any questions that arise should be referred to the Hazardous Waste Division of the Department of Environmental Quality.

7. Household Hazardous Waste Services

- a. Describe the role the District plays in the development and implementation of household hazardous chemical waste services.

The District does not currently have a formal household hazardous waste services program. The District role in Household Hazardous Waste Services is technical assistance and appropriate referrals. The District has worked with HAZ-M.E.R.T. and PSC in the implementation of Household Hazardous Waste collection days. Technical assistance is provided to other local governments to consider sponsorship of these events.

- b. Describe briefly how household chemicals are currently managed in the District and/or county.

The District does not currently have a formal household hazardous waste services program.

- c. List household hazardous waste collection activities or locations within the District.

Since the District does not have a formal household hazardous waste services program, no collection activities are inventoried. The District does not currently have a formal household hazardous waste services program. The District role in Household Hazardous Waste Services is technical assistance and appropriate referrals. The District has worked with HAZ-M.E.R.T. and PSC in the implementation of Household Hazardous Waste collection days. Technical assistance is provided to other local governments to consider sponsorship of these.

- d. Describe progress and setbacks in household hazardous waste collection service efforts within the District.

The District does not currently have a formal household hazardous waste services program, therefore progress and setbacks have not been identified.

- e. Provide a description of educational and technical services provided by the District as they relate to household hazardous chemical waste services.

The District does not currently have a formal household hazardous waste services program. No formal educational or technical services are provided on a regular basis. Printed material has been prepared and distributed concerning Household Hazardous Waste information and safety issues.

8. Waste Electronics Services

- a. Describe the role the District plays in the development and implementation of waste electronics services.

The District does not have a formal electronics waste program, but is currently in the developmental stage of utilizing ADEQ E-Waste Grant Funds to implement a program.

- b. Does the District have a waste electronics collection and/or recycling center? If yes, please describe.

The District is currently in the development stage of a formal electronics waste program and may utilize the previously mentioned Regional Recycling Center.

- c. Describe progress and setbacks waste electronics service efforts within the District.

The District does not currently have room to store the anticipated volume associated with an electronics waste program. The District has utilized semi-trailers purchased with ADEQ E-Waste Grant Funds to experiment with the collection of electronics waste from the District as "test" projects. The materials collected were transported to Unicom at Texarkana for disposal.

- d. Provide a description of educational and technical services provided by the District as they relate to waste electronics services.

The District is currently in the development stage of a formal electronics waste program.

- e. Provide an evaluation of waste electronics needs within the District.

The District is currently in the development stage of a formal electronics waste program.

9. Construction and Demolition Waste Services

- a. Describe the role the District plays in the development and implementation of construction and demolition waste services.

The District does not have a separate Construction and Demolition (C&D) waste services program. As detailed previously, the District has adequate class IV Disposal capacity within the District. The role of the District in the management of C & D waste is assist to in the control of open dumping and to assist the local governments in continuing to provide waste disposal capacity for Class IV type waste.

- b. Provide an evaluation of construction and demolition waste needs within the District

Although C&D waste is adequately handled within the District, additional education, collection, and transportation provisions could be needed in the future.

10. Other Solid Wastes Services

- a. Describe the role the District plays in the development and implementation of services for any other solid wastes not previously covered in this document.

The District does not have any other specific solid waste management programs aside from the programs already discussed in this document.

- b. Provide an evaluation of other solid waste needs within the District

Other solid waste needs within the District have not been identified. However, the overall needs of the District's integrated solid waste management system will be evaluated and needs identified and addressed.

F. Education and Public Awareness Services

1. District's Role

Describe the role the District plays in the development and implementation of education and public awareness services relative to solid waste management areas and issues.

The District does not have a formal education and public awareness program. However, the District has initiated a trial recycling/waste reduction education program utilizing the services of Ms. Julie Dickson. Ms. Dickson has targeted a presentation to all fourth grade classes located within District boundaries. This trial program may be developed into a formal education and public awareness program if feedback indicates that the District has been successful in increased recycling activity. The District provides a wide range of technical and educational services related to recycling and solid waste management issues. One of the more significant of these programs is the "Bagman" program. This is a recycling educational/promotional program initiated in the schools in conjunction with a public information program through the five newspapers in the District. The objective of the program is to explain the economic benefits of diverting waste from landfills. A complete description of the program and the associated results are provided in APPENDIX H.

2. Active Programs Utilized

List active programs utilized by the District, such as Keep Arkansas Beautiful, Arkansas Recycling Coalition, and the Arkansas Department of Environmental Quality's Solid Waste Management Programs.

The District currently participates in the following programs:

1. Arkansas Environmental Academy
2. Solid Waste Association of North America
3. District Director's Association
4. Arkansas Environmental Federation
5. Arkansas Licensed Operator Training Program (Regulation 27)
6. Arkansas Recycling Coalition
7. Arkansas Environmental Education Association
8. Keep Arkansas Beautiful
9. Keep America Beautiful

3. District Programs

List in-house and other solid waste educational programs, litter programs, illegal dumping prevention programs, and any others not mentioned here. Describe the nature of each effort and level of participation. Include the following:

- a. Name of organization/sponsor

The District has not identified other solid waste educational programs and the associated level of effort and level of participation.

- b. County or city

The District has not identified other solid waste educational programs and the associated level of effort and level of participation.

- c. Addresses and phone numbers

The District has not identified other solid waste educational programs and the associated level of effort and level of participation.

- d. Target participants

The District has not identified other solid waste educational programs and the associated level of effort and level of participation.

- e. Description of activities

The District has not identified other solid waste educational programs and the associated level of effort and level of participation.

4. Communication Strategies

How is the District communicating with their citizens?

The District communicates with the member entities via regular meetings and staff contacts. Technical assistance between the District staff and local governments are routine.

5. Public Meetings/Communication

- a. Are there regularly scheduled forums where the public can voice environmental concerns?

The regular Board meetings are open to the public and comments are welcome.

- b. Are Board meetings regularly scheduled?

The District Board meetings are held on a bi-monthly basis as scheduled at the previous meeting. Special meetings are also available to address specific issues as needed.

- c. Are the meetings publicized or promoted for the public's knowledge? How - radio, television, newspaper, other?

The District utilizes newspaper articles for meeting publication.

- d. Are there any opportunities for the public to receive training or current environmental information via a public forum or meeting?

The regular Board meetings are open to the public and comments are welcome. The District encourages members and the general public to participate in the State and environmental trade group training and exchanges.

- e. Are there any public announcements, training, or education involving litter control awareness and illegal dump elimination?

There are currently no regular public announcements from the District related to training and education on litter control and illegal dump elimination. The City of Hot Springs utilizes the services of the local cable channel for public announcements involving litter control awareness. Also, the District and local governments participate in Keep America Beautiful campaigns.

6. Internet Access

Does the Regional Solid Waste Management Board have a web page? If so, provide the address.

The District does not currently have a web page.

7. Publications

Are there any newsletters or environmental publications for the public?

There are no regular newsletters published by the District. The "Bagman" recycling brochures and the HHW program brochures are the publications that have been discussed previously.

G. Other Services

1. Transportation

- a. What role does the District currently play in solid waste transportation issues and needs?

The District currently does not play an active role in the transportation issues of the individual member systems. The District involvement is limited to technical assistance as required by individual jurisdictions.

- b. Provide an evaluation of transportation needs within the District.

The District does not anticipate significant transportation related issues or needs within the next year.

MINIMUM REQUIREMENTS FOR REGIONAL SOLID WASTE MANAGEMENT PLANS For the Regional Solid Waste Management Districts

PART TWO – CHAPTER TWO ACTION PLAN

A.C.A. §8-6-710. Solid waste management responsibility. (a)(1) Each regional solid waste management board shall be the governmental entity primarily responsible for providing a solid waste management system for the district.

Section 2.201 Mission Statement

Provide a mission statement for the Regional Solid Waste Management Board

The mission of the Southwest Central Regional Solid Waste Management Board is to provide a comprehensive level of solid waste management services to all District residents that strives to be efficient in terms of operations and cost considerations.

Section 2.202 Executive Summary

A. Strategies

1. Describe the role the District plays in the development and implementation of effective solid waste management programs as they relate to the six main goal areas of the **Statewide Solid Waste Management Plan**.

The District role in the development and implementation of effective solid waste management programs is to provide the necessary administrative and technical support to the individual jurisdictions in accomplishing their roles in an overall comprehensive integrated solid waste management system for the District. The District's role in the six main goal areas of the Statewide Solid Waste Management Plan are to:

- 1) Collection: Promote a complete rural and urban waste collection system with provisions for recyclables
 - 2) Waste Reduction: Maximize diversion of wastes through reuse, recycling, and composting
 - 3) Disposal: Continue to provide for the disposal of remaining wastes
 - 4) Special Materials: Develop special materials programs as needed
 - 5) Education: Develop a comprehensive public education program for all solid waste services
 - 6) Recycling: Provide cost effective recycling opportunities for all District Residents
2. What projects or efforts does the District expect to undertake or accomplish in order to attain these goals?

The District plans to develop projects and efforts in the following areas:

- Enhance community recycling efforts. Communities joined together are able to negotiate a better price for their recyclables if they have a large enough quantity. Provide continuing education and coordination on recycling efforts.
- Increased financial support. The regionalization of solid waste management along with the formation of the District has provided both a financing mechanism and greater leverage in obtaining the financial resources needed for solid waste management, planning, and implementation activities.
- Increased flexibility. Because of the greater resources available and the improved economies of scale, regionalization can provide many new opportunities in solid waste management. With more opportunities available, communities can develop strategies, and tailor planning efforts, to their specific needs and concerns.
- Coordinated Management and Planning. Through the District being involved in the application and certificate of need process, and licensing of haulers, duplications of service can be prevented and help maintain a healthy environment for regional cooperation in the management of solid waste in the District.

B. Outlook

1. Describe the role the District hopes to play in the future development and implementation of effective solid waste management programs.

The District role in the future will continue to be a role of technical assistance and administrative services provided to the member jurisdictions. However, the District will play a more important role in the educational and other aspects described in this section of the solid waste management plan.

2. Identify areas where solid waste management efforts could be directed for the next decade as they pertain to the six main goal areas of the as they relate to the six main goal areas identified in the **Statewide Solid Waste Management Plan**.

The main solid waste management efforts will be directed toward the following goal areas:

- Education and public Awareness
- Recycling
- Waste Reduction
- Disposal

A. District's High Level Goals

Keeping in mind the Department of Environmental Quality's Land Objectives and the Solid Waste Management Division's High-Level Goals (named under **Section 1.203** in **Part One** of the **Statewide Solid Waste Management Plan**), identify and explain at least three District-wide high-level goals for the next decade.

1. Regulated land-based activities are safely managed (ADEQ Land Objective 1). More specifically, all solid waste facilities in the District should be within 80% compliance with operation performance standards (Solid Waste Division High Level Goal A)
2. Reduce the amount of solid waste sent to landfills by 40% by 2005 and 45% by 2010, based on a year-to-year comparison (ADEQ Land Objective 4). More specifically, the District will attempt to increase solid waste management options to divert 40% of waste from landfills (Solid Waste Division High Level Goal C).
3. Develop a long range solution to the solid waste disposal needs of the District for the next decade.

B. District's Plan's Goal Areas

Keeping in mind the six major Goal Areas (named under **Section 1.203** in **Part One** of the **Statewide Solid Waste Management Plan**) should identify and explain the District's specific goals for each of these goal areas for the next decade. The six goal areas identified are:

Collection
Disposal
Recycling
Waste Reduction
Special Materials
Education and Public Awareness

Regional Plans, at a minimum, should address each of the issues listed and should provide a goal-achievement discussion or strategy and a timeline for completion of each objective.

1. Collection

Based on available information, discuss collection needs and trends within the District that are anticipated during the next ten years.

The primary need for more comprehensive collection services is within areas where collection is dependent upon various private collectors. In addition, more transfer stations throughout the District would also facilitate the cost effective collection of waste and recyclables.

The following goals have been considered to address the District collection system:

- mandatory collection throughout district

At a minimum:

Examine and evaluate each county's collection systems and provide solutions for improvement. Examine and evaluate a District-based funding mechanism for the collection of all solid waste generated within the District.

a.	<u>Clark County</u> provides curbside collection for residents in the unincorporated areas. Participation in solid waste services is not mandatory for the unincorporated areas of the County. <u>Clark County</u> owns and operates a permitted Class IV landfill.
b.	<u>Garland County</u> supplies containers curbside for residents. Collection of the containers is arranged via contract with private industry by geographic area. Participation in solid waste services is mandatory for the unincorporated areas of the County. <u>Garland County</u> owns and operates three transfer stations and a Class IV landfill. The County supplies open top roll-off containers for class IV waste as needed, for the tipping fee. Class 1 municipal waste is transported from the transfer stations to the WM landfills via County vehicles. Drop off of recyclable material is available at the transfer stations.
c.	<u>Hot Spring County</u> provides 10 convenience stations for drop off of Class I, Class IV, and recyclable materials. The County picks up the material from the convenience stations and takes it directly to the WM landfills. Participation is mandatory, with revenues from a county-wide sales tax.

At this time, the District has collection and disposal services available in all cities and towns. In many cases participation is not mandatory. The District solid waste collection systems are operated by both public and private service providers. The collection services include curbside pick-up and voluntary drop-off/transfer stations. The District also has 14 existing transfer stations. The inadequacy of services in some areas is not a matter of service availability, but of choice in participation.

The need for additional collection service may become a problem for the most sparsely populated areas of the District. Due to the cost of collection and transportation per square mile, these low population areas will either need to be subsidized, or have mandatory fees and mandated participation imposed in order to provide adequate collection service.

The District role in the development and implementation of collection services is to provide education, administrative, planning, and financial resources to the member local jurisdictions. These efforts have resulted in collection systems that provide collection service to most areas of the planning area.

2. Disposal

Based on available information, discuss disposal needs and trends within the District that are anticipated during the next ten years.

The District does not own or operate a municipal solid waste landfill. The District is primarily served by contract with Waste Management, Inc. (Class I) and the two Class IV landfills located within the District. The role of the District in the development and implementation of disposal services is to continually evaluate the disposal capacity to insure that sufficient capacity is available to serve the needs of the District. This involves the evaluation of Certificate of Need petitions as submitted to the District and securing waste disposal capacity via contract arrangements. The District also serves as a source of information concerning disposal related issues.

At a minimum:

Provide and improve integrated solid waste management options that include, but are not limited to, disposal facilities, transfer stations, composting facilities, recycling facilities, household hazardous waste collection facilities, special materials facilities, processing facilities and material recovery facilities.

The following goals have been identified to address the District's disposal capacity:

- all waste in District routed to the District contract landfill
- additional MRF available for the District
- maintain long term disposal capacity

As explained in previous sections, the District has developed an integrated solid waste management system based upon the individual efforts of the cities and counties that comprise the District. Since disposal capacity is available for the District for the next several years, the District could improve on the efficiency of the overall system by strategically locating additional transfer and drop-off centers, and other needed facilities. These facilities will be combined multi-functional to include recycling, tire, and special material handling. As more recyclable material is collected, the need for material recovery facilities will grow. The District will continually monitor progress in the development of a more comprehensive integrated solid waste system and seek grants through the ADEQ to fund the necessary improvements.

3. Recycling

How will the District assure that Recycling follows the state legislated goal?

The District will achieve the stated goal by providing an improved education and public awareness program and by providing additional drop-off and transfer capability as needed. The District will also establish additional material recover facilities as needed. Marketing of recyclable materials will also become critical as more recyclable material is reclaimed from the waste stream.

At a minimum:

Establish a realistic and achievable recycling goal for the District.

The District has set a goal of reducing the waste stream by 45% by the year 2010. The following goals have been identified to address the District's recycling program:

- increase the number of locations available for all District residents to recycle a minimum of at least three items.
- promote buy and sell recycle programs
- continue to assist local governments
- Improve education and public awareness programs

4. Waste Reduction

What will be the District's direct efforts be with business, industry and households that will reduce the amount of waste entering the waste stream?

The District does not have a formal waste reduction program. However, the District has initiated a trial recycling/waste reduction education program and does take every educational related opportunity to promote waste reduction. The District has adopted the following goals to address waste reduction:

- work with business and industry to address waste streams
- promote reuse programs and waste exchanges
- improve the education program to include waste reduction provisions

The District will achieve the stated goal by providing an improved education and public awareness program and by working with local industry and businesses. The District may develop and implement a public awareness and information exchange system that emphasizes waste reduction and recycling. This program will target residential, commercial, and industrial waste generators within the District.

At a minimum:

Establish on-going public outreach programs that address waste reduction.

The District plans to develop and implement a public outreach program that emphasizes waste reduction and recycling. This program will target residential, commercial, and industrial waste generators within the District.

5. Special Materials

What role will the District take in proper management in each of the follow special materials?

a. Illegal Disposal

i. Illegal Dumping

As explained previously, the District has adequately handled the closure of illegal dumps to the point that no known illegal dumps are located within the District. This achievement is due to the provisions for waste collection and disposal that are detailed in this document. Potential problems in illegal disposal could reoccur if continued financial provisions and local government participation is not continued. Continued enforcement and public education programs will insure that local governments will continue to participate and fund their solid waste management systems insuring that the illegal dumping does not occur.

ii. Litter

The District plans to establish a public education program that targets waste reduction and recycling. This program will also have an element of litter control and enforcement through local officials. This program will be dependent upon the proper education of local law enforcement and a commitment on their part to enforce the litter laws that are in place. The District will provide education material to insure that local officials understand their role in litter control.

iii. Open Burning

The District plans to establish a public education program that includes an element of open burning control and enforcement through local officials. This program is also dependent upon the proper education of local law enforcement and a commitment on their part to enforce open burning regulations that are in place. The District will provide education material to insure that local officials understand their role in this area.

b. Waste Tires

The District does not plan to change their role in the administration of the waste tire program.

c. Batteries

The District does not plan to develop a specific waste battery program.

d. Household Chemical Waste

The District does not plan to develop a formal household hazardous waste program at this time. However, the District plans to work with local jurisdictions to provide community collection of household hazardous waste. Future cooperation with local industry is also planned.

e. Waste Electronics

The District does have plans to develop a detailed District “e-waste” program. The District plans on following State initiatives in this area.

f. Construction and Demolition Waste

The District plans to provide additional educational material to local officials concerning the proper disposal of C&D waste as needed. The District role is to encourage the proper disposal trend to continue. The District will maintain a watch on the C&D waste disposal to insure that waste generation rates do not exceed disposal capability.

g. Other Solid Wastes

The District does not have plans to incorporate other special materials into the overall management system at this time.

At a minimum:

Identify problems related to each special material listed and explain how they will be addressed.

Each of the above items includes a discussion of problems.

6. Education and Public Awareness

How will the District approach education and public awareness?

At a minimum:

Identify education and public awareness programs that incorporate integrated solid waste management systems.

The District does not have a formal comprehensive education and public awareness program. However, the District has initiated a trial recycling/waste reduction education program targeted for presentation to all fourth grade classes located within District boundaries. The District provides a wide range of technical and educational services related to recycling and solid waste management issues. One of the more significant of these programs is the “Bagman” program. This is a recycling educational/promotional program initiated in the schools in conjunction with a public information program through the five newspapers in the District. The objective of the program is to explain the

economic benefits of diverting waste from landfills. A complete description of the program and the associated results are provided in APPENDIX H.

The District plans to develop an education and public awareness program that incorporates all the elements of an integrated solid waste management system. The implementation of this program depends upon funding from the ADEQ.

Current educational programs are currently initiated by the local governments. Each of these programs have achieved success due to an ongoing education and public awareness program that has a strong focus on integrated solid waste management. Some of the local jurisdictions, including Hot Springs and Garland County have Environmental Coordinators responsible for developing and implementing education programs. Educational efforts are provided by environmental education curriculum, teacher workshops, special presentations to classrooms, and civic and youth groups that feature lessons in integrated solid waste management. All elements of integrated systems are emphasized including reduction, reuse, recycling, composting, household hazardous wastes management, litter and illegal Dumping. These programs are on the local level

The District plans to expand the existing local education and public awareness programs to incorporate all the elements of an integrated solid waste management system. The implementation of this program depends upon funding from the ADEQ. The District plans to incorporate the collection, disposal, recycling, waste reduction, and special materials elements into the overall program. The program will be designed to target residential, commercial, and industrial waste streams within the District.

7. Other Goals

How will the District approach other solid waste related goals?

At a minimum:

Identify other goals that incorporated into integrated solid waste management systems. Include any other goals that the Regional Solid Waste Management Board may have.

The District has not identified any other goal areas at this time.

A.C.A. §8-6-710. Solid waste management responsibility. a)(1) Each regional solid waste management board shall be the governmental entity primarily responsible for providing a solid waste management system for the district.

Keeping in mind the information collected on the six major Goal Areas under Chapter Two – Activities Analysis, and the District’s specific goals for each named in the above section, provide information that could help the District attain its goals during the next ten years:

- List probable problems that the District might face

In general, the District needs to enhance collection and recycling capability in rural areas. This will require these areas to devote a funding mechanism to solid waste management. Specific problems identified in each of the six major goal areas are addressed below.

- List possible solutions that the District might follow

In general, the District will engage an educational and technical assistance program that will assist local governments in meeting the stated goals. More specific solutions are identified below.

A. Collection

Problems

As mentioned throughout this plan, the District has coordinated a widespread collection system that is administered by local governments and dependent upon both local governments and private industry. The potential problem with the collection system is in areas where the local government depends on private contractors to provide collection. In these areas, the participation is voluntary and the funding is collected on an individual basis by the private haulers.

Solutions

The District solution to this potential problem with collection is to provide the subject areas of the District with technical assistance in developing contracts with private collectors and in developing funding mechanisms to cover the cost of collection.

B. Disposal

Problems

The Class I waste disposal issues of the District have been adequately handled by contract arrangement. This waste disposal capacity should provide cost effective disposal for the District for the future. However, this capacity can only be guaranteed for the duration of the contract. The District is therefore dependent upon disposal capacity outside of the District. Class IV waste disposal is adequately handled by the identified landfills.

Solutions

Secure Class I disposal capacity by locating a Class I landfill within the District.

C. Recycling

Problems

Additional waste recovery facilities, drop off centers, and recyclable collection provisions will be needed in order for the District to meet the stated goals. Also, cooperative marketing of recyclables will be needed in the future.

Solutions

The District will seek grants from the ADEQ to develop additional facilities and enhance the marketing of recyclables.

D. Waste Reduction

Problems

The District does not currently have a formal waste reduction program.

Solutions

The District may develop a waste reduction program as part of the overall solid waste educational program. The District will seek grants from the ADEQ to develop the overall solid waste education program.

E. Special Materials

Identify problems and solutions for each of the following special materials?

a. Illegal Disposal

i. Illegal Dumping

Problems

The District has basically eradicated the presence of illegal dump sites. However, in order to maintain this accomplishment, the District must keep the cooperation of local governments for law enforcement.

Solutions

The District will continue to work with local governments on the identification and enforcement of illegal dumping. The District will include an element of illegal dump control in the overall solid waste education program. The District may seek funding for an illegal dump control officer.

ii. Litter

Problems

The District is dependent upon local governments to provide enforcement of litter laws.

Solutions

The District will continue to work with local governments on litter control and enforcement. The District will include an element of litter control in the overall solid waste education program. The District may seek funding for an illegal dump control officer that will also have litter control responsibilities.

iii. Open Burning

Problems

The District is dependent upon local governments to provide enforcement of open burning laws.

Solutions

The District will continue to work with local governments on control of open burning. The District will include an element of open burning control in the overall solid waste education program. The District may seek funding for an illegal dump control officer that will also have open burning control responsibilities.

b. Waste Tires

Problems

The District needs to meet the growing needs of tire disposal.

Solutions

The District is in the process of acquiring additional roll-offs.

c. Batteries

Problems

The District does not currently have a program for waste battery disposal.

Solutions

The District may start a waste battery disposal program by including waste battery collection and disposal in the overall District solid waste education program depending upon funding availability.

d. Household Chemical Waste

Problems

The District does not currently have a program for household hazardous or chemical waste.

Solutions

The District will start a household hazardous waste program by including household hazardous waste in the overall District solid waste education program.

e. Waste Electronics

Problems

The District does not currently have adequate funding to operate a program for electronics waste disposal/recycling.

Solutions

The District is currently in the testing phase of implementing a program for electronics waste disposal/recycling. The District is unable to forecast the impact of this waste stream due to the many unknown variables that could affect the program. The estimated cost to operate a District program is a minimum of approximately \$130,000. However, this estimate is based on unknown volumes and includes free processing at Unicor. The District must rely on the State initiative program to minimize the variables that may have an impact on a District program.

f. Construction and Demolition Waste

Problems

Construction and Demolition (C&D) waste is collected by various methods by local governments and private industry as explained previously in this

document. Class IV and Class I waste disposal sites are available for the District as previously described. No potential problems are identified as this time with the management of Construction and Demolition waste.

Solutions

No disposal problems are identified for C&D waste at this time.

g. Other Solid Wastes

Problems

No other Solid Waste Disposal issues are identified as potential problems at this time.

Solutions

No other solid waste problems are identified at this time.

F. Education and Public Awareness

Problems

The District has identified the need for an improved and more formal public education program that covers all of the goal areas listed in previous sections. The District does not currently have the financial resources to support the staff and administrative costs to develop a comprehensive solid waste education program that addresses all of the required elements.

Solutions

The District will seek grants from the ADEQ to develop the educational program as described.

G. Other

Problems

No other problems are identified at this time.

Solutions

No other problems are identified at this time.

A. Plan Implementation

Provide an administrative plan defining the implementation strategy, guidelines, policies and procedures.

The District must first acquire the staff and administrative support necessary to address the goal areas. The first goal area to be addressed is the solid waste education program. This is dependent upon successful award of the associated grants from the ADEQ. After the appropriate staff and resources are available, they will detail the implementation strategy and the guidelines, policies and procedures necessary to successfully achieve the desired results.

B. Implementation Timetable

Provide a timetable outlining goal implementation schedule

The District plans to apply for the necessary grants during the 2011 fiscal year. The appropriate staff should be in place in 2011 and a detailed implementation plan and schedule developed.

C. Funding and Budget

1. Does the current staff meet the needs of the District to provide a quality system of solid waste management oversight for its citizens? If not, in what areas is there a staffing need and how does the District plan to address this shortage?

As described previously, the District is in need of additional resources to define and implement the solid waste education and other programs. This additional staff will be dependent upon proper grants from the ADEQ.

2. To the best of your ability, for the upcoming fiscal year, provide an estimate of expected revenue sources and/or fees, such as user fees, waste disposal fees, grants, loans, and sales of recovered materials. Estimate the percentage of annual revenue expected from each source.

REVENUE SOURCE	ANNUAL RECEIPTS	% ANNUAL REVENUE
Hauler License Fees	\$4,100	1.1%
ADEQ Grants	\$262,453	71.0%
Waste tipping fee	\$102,962	27.9%
TOTAL	\$369,515	100%

3. Provide an assumption of future or expected solid waste services that are to be supported by these revenues.

The revenues support the following District activities:

- ◆ Compliance assistance,
- ◆ Complaint investigation,
- ◆ Assistance with collection and disposal of waste,
- ◆ Development and implementation of the District budget,
- ◆ Fee collection,
- ◆ Administration of programs grants, hauler licensing, and waste tire management
- ◆ Planning required of the Regional Solid Waste Management District
- ◆ Administration of the recycling grant program,
- ◆ Supervision of the collection and disposal of waste tires.

Provide a list of legislative studies the District would like to see addressed.

The District has several issues that they would like to see addressed. These issues include the following:

1. Waste tire program to sunset for the land disposal of whole tires.
2. Solid Waste Facilities Operators Licensing Committee should be given more authority to determine policy regarding the licensing of operators.
3. Request the legislature to repay \$10 million dollars to the Landfill Post Closure Trust Fund from general revenue.
4. Set up the infrastructure to recycle E waste before a ban is placed on the land disposal of E waste.
5. Expand the categories eligible for grant funding in the Solid Waste Management and Recycling Grants program. (Reg. 28)
6. Make an inventory of the closed landfills covered by the landfill post closure trust fund and establish a base line for water quality for each one.
7. Consider removing the sales tax on solid waste services
8. Reduction of paperwork – reports required by ADEQ
9. Consider limiting host fees of other solid waste districts

Append to the Plan, where available, the following information. (Append any changes or additions to Annual Reports.)

Administrative Procedures, Regulations, Ordinances or Policies

APPENDIX A

Financial Information

APPENDIX B

Maps

APPENDIX C

District Hauler License Program

APPENDIX D

Collection Information

APPENDIX E

Waste Disposal Arrangements

APPENDIX F

District Solid Waste Facilities

APPENDIX G

Recycling Information

APPENDIX H

Waste Tire Program

APPENDIX I