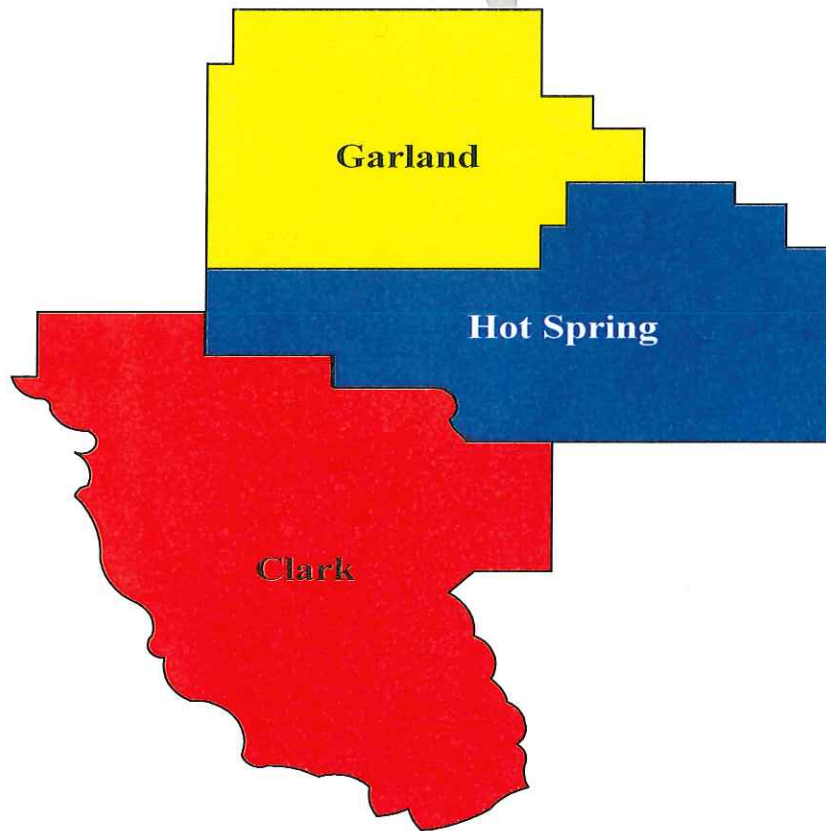


Solid Waste Needs Assessment

Southwest Central

Regional Solid Waste Management District



Prepared for:

Arkansas Department of Environmental Quality

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Arkansas Department of Environmental Quality
Guidelines for Needs Assessment
for
Regional Solid Waste Management Districts



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Guidelines for Needs Assessment for Regional Solid Waste Management Districts

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Regional Needs Assessment

A district-wide Needs Assessment is required of all Regional Solid Waste Management Districts (RSWMDs). The purpose of the Needs Assessment is to provide a basis to aid in the development of a comprehensive Statewide Solid Waste Management Plan and to accurately identify each Regional Solid Waste Management District's (RSWMD's) efforts to protect the state's public health and environmental quality through the planning and management of solid waste within its borders. A study of the origin and destination of waste is critical for an adequate understanding of the necessary collection systems, recycling and composting facilities, waste-to-energy programs, disposal facilities, and beneficial uses of recovered materials.

The Needs Assessment is not a solid waste management plan, but is a critical component in solid waste planning. Based upon the current needs, short-term and long-term regional planning and timelines can be implemented to address deficiencies in collection, recycling, and disposal of solid waste generated.

Please match and number your responses to each numbered question as listed on each Element's guidance sheet, included herein.

The Four Elements of a Needs Assessment are:

1. **Plan Area** – This element calls for a comprehensive evaluation of the RSWMD geographic area. It includes demographic data, and the cities and counties within the boundaries of the plan area.
2. **Administrative Structure** – This element identifies the way in which the Board of Directors conducts its business, involves the general public in its operations, creates and adopts rules and regulations governing the RSWMD (Administrative Procedures), and how it funds the RSWMD's operations.
3. **Waste Origin, Composition, and Characterization** – This element identifies the various types and volumes of solid waste generated within the plan area.
4. **Waste Collection, Recycling, and Disposal** – This element identifies the adequacy of the collection system for the entire RSWMD service area, as well as available facilities for the recycling, composting, disposal, and waste-to-energy of the waste generated within the district and/or transported into or out of the district.

This comprehensive process identifies a RSWMD's, and consequently the State's, strengths and weaknesses. Each district's Needs Assessment will be folded into a Statewide Needs Assessment that will provide the framework for establishing Arkansas' waste diversion goals, as well as evaluating the disposal capacity within the state and will be used during the development of the ten-year Statewide Solid Waste Management Plan, to become effective in 2013.

Statutory Basis for Regional Needs Assessment

Below is the statutory basis for the requirement of a regional Needs Assessment by the RSWMDs:

ACA §8-6-716. Regional Needs Assessment.

(a)(1)(A)(i) Each regional solid waste management board created pursuant to this subchapter shall prepare a regional Needs Assessment evaluating the solid waste management needs within its District. Provided, however, that such assessments need not include an evaluation of the need for landfills where a private industry bears the expense of operating and maintaining the landfill solely for the disposal of wastes generated by the industry or wastes of a similar kind or character.

(ii) Such assessment shall be submitted for Arkansas Department of Environmental Quality review, and the Director of the Arkansas Department of Environmental Quality shall approve or disapprove it within ninety (90) days after submission.

(B)(i) The assessments for boards created pursuant to §8-6-703 shall be due every four (4) years.

(ii) The department may, at its discretion, stagger the due dates by random selection so that approximately one fourth (1/4) of the districts will submit a Needs Assessment each year.

(C)(i) The department will notify in writing the regional solid waste management districts of the date on which their Needs Assessments are due.

(ii) The board may obtain an extension of that deadline from the director.

(D) A board created pursuant to §8-6-703 in a region having a projected solid waste disposal capacity of less than five (5) years or in a region having no landfill for solid waste disposal shall prepare and submit a regional Needs Assessment annually, with the first Needs Assessment due on June 30, 1995, and with updated assessments due on June 30 of each year thereafter.

(E) Any board which submitted the biennial Needs Assessment due on January 31, 1995, under prior law, shall prepare and submit its next Needs Assessment on June 30, 1996, with updated assessments due on June 30 of each year thereafter.

(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.;

(B) An evaluation of the solid waste collection, transportation, and disposal needs of all localities within the

district; and

(C) 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.

(b) Each board shall update its regional Needs Assessment, at the minimum, every four (4) years.

(c) At a time not later than five (5) years before the disposal capacity in a region reaches its projected capacity, the board shall develop a request for proposals to increase the District's projected capacity for solid waste disposal within the District in accordance with its regional Needs Assessment.

(d) No landfill shall receive solid waste from beyond the District boundaries when projected solid waste disposal capacity within the District is less than five (5) years, except as may be otherwise specified pursuant to this subchapter.

(e) No owner or operator of a landfill serving a limited area of a District shall be required to increase the landfill's service area to accommodate the needs of the District.

Definitions

Beneficial Fill means materials for use in filling low areas, improving drainage or stabilizing slopes or embankments. However, placement of beneficial types of fill material into a prepared hole may not be considered 'beneficial,' but may constitute unpermitted disposal. Projects that incorporate the use of beneficial fill material shall generally be completed within less than 60 days. Beneficial fill material includes asphalt, brick, concrete, ceramics, and uncontaminated soil or dirt. Additional materials may be considered by the Director on a case-by-case basis prior to initiation of fill activity.

Commercial solid waste means all types of solid waste generated by stores, offices, restaurants, warehouses, and other nonmanufacturing activities, excluding household and industrial waste.

Composting means the deliberate aerobic, biological decomposition of yard waste or other solid waste, resulting in a stable humus-like product.

Construction and Demolition (C&D) waste means any and all material and debris that might result from the construction or demolition of any building or other manmade structure including but not limited to single and multifamily dwellings, commercial buildings, road and highway construction and repair, remodeling and additions to existing structures and roofing. Materials may include (but are not limited to) dimensional lumber, roofing materials, bricks, concrete blocks, siding, gypsum (drywall), masonry, metal, cardboard, concrete with and without rebar, fill materials (including earth, gravel and stone), glass, and any other material that may be used in any construction project or may be salvaged from any demolition project.

Construction and Demolition Recycling Facility (C&DRF) means a facility that provides for the extraction from mixed construction and demolition waste of recoverable materials.

Disposal site or Disposal facility means any place at which solid waste is dumped, abandoned, or accepted or disposed of for final disposition by incineration, landfilling or any other method.

Hauler means a person engaged in the business of collection or transportation of solid waste for disposal, transfer or storage. A hauler does not include an individual person transporting non-commercial waste to a permitted facility.

Household waste means any solid waste (including garbage, trash, and sanitary waste in septic tanks) derived from households (including single and multiple residences, hotels and motels, bunkhouses, ranger stations, crew quarters, campgrounds, picnic grounds, and day-use recreation areas).

Illegal Dumping means depositing solid waste for disposal at a site which is not a permitted solid waste disposal facility.

Industrial solid waste means solid waste generated as a result of manufacturing or industrial processes that is not a hazardous waste regulated under Subtitle C of RCRA or as defined by Regulation Number 23, Sections 260.10 and 261.3, of the Pollution Control and Ecology Commission. Such waste may include, but is not limited to, waste resulting from the following manufacturing or industrial processes: Electric power generation; fertilizer/agricultural chemicals; food and related products/by-products; inorganic chemicals; iron and steel manufacturing; leather and leather products; nonferrous metals manufacturing/foundries; organic chemicals; plastics and resins manufacturing; pulp and paper industry; rubber and miscellaneous plastic products; stone, glass, clay, and concrete products; textile manufacturing; transportation equipment; and water treatment. This term does not include mining waste or oil and gas waste.

Landfill or landfill unit means a discrete area of land or an excavation that is permitted by the Department under these regulations and receives solid waste for disposal, and that is not a land application unit, surface impoundment, injection well or waste pile, as those terms are defined under 40 CFR 257.2.

Material Recycling Facility or MRF means a facility engaged solely in practices related to the management or diversion of source separated recoverable materials from the waste stream including storage, processing, marketing or reuse of recovered materials. Such term shall not include a solid waste recovery or handling facility provided; however, that any solid waste generated by such facility shall be subject to all applicable laws and regulations relating to such solid waste.

Medical waste means a waste from health care related facilities which if improperly treated, handled or disposed of may serve to transmit an infectious disease(s).

Municipal solid waste landfill unit means a discrete area of land or an excavation that receives household waste, and that is not a land application unit, surface impoundment, injection well, or waste pile, as those terms are defined under 40 CFR 257.2. A municipal solid waste landfill unit also may receive other types of RCRA subtitle D wastes, such as commercial solid waste, nonhazardous sludge, conditionally exempt small quantity generator waste and industrial solid waste. Such a landfill may be publicly or privately owned. A municipal solid waste landfill unit may be a new municipal solid waste landfill unit, an existing municipal solid waste landfill unit or a lateral expansion.

Municipality means a city of the first class or city of the second class or an incorporated town.

Open burning means the combustion of solid waste without:

1. Control of combustion air to maintain adequate temperature for efficient combustion,
2. Containment of the combustion reaction in an enclosed device to provide sufficient residence time and mixing for complete combustion, and
3. Control of the emission of the combustion products.

Operator means, for the purposes of this regulation, the person(s) responsible for the overall operation of a solid waste management facility or part of a facility. This definition shall not be construed to have the same meaning as a solid waste facility operator as defined and used in Regulation Number 27, Licensing of Operators of Solid Waste Management Facilities and Illegal Dumps Control Officers.

Owner means the person(s) who owns a solid waste management facility or part of a facility.

Recycling means the systematic collection, sorting, decontaminating, and returning of waste materials to commerce as commodities for use or exchange by separating or diverting an item or items from the solid waste stream for the purpose of processing it or causing it to be processed into a material product, including compost, in order to provide for the final disposition of the material product in a manner other than landfilling or incineration.

Solid waste means any garbage, or refuse, sludge from a wastewater treatment plant, water supply treatment plant, or air pollution control facility and other discarded material, including solid, liquid, semi-solid, or contained gaseous material resulting from industrial, commercial, mining, and agricultural operations, and from community activities, but does not include solid or dissolved materials in domestic sewage, or solid or dissolved materials in irrigation return flows or industrial discharges that are point sources subject to permit under 33 U.S.C. 1342, or source, special nuclear, or by-product material as defined by the Atomic Energy Act of 1954, as amended (68 Stat. 923).

Solid Waste Authority means a special unit of local government formed as a partnership to provide residents with integrated solid waste services.

Solid waste management plan means a plan developed according to the provisions of the Solid Waste Management Act, A.C.A. '8-6-201 et seq., and guidelines of the Department, and which is subject to approval by the Department.

Solid waste management system means the entire process of storage, collection, transportation, processing, treatment, and disposal of solid waste, and includes equipment, facilities and operations designed for solid waste management activities, including recycling, source reduction, and the enforcement of solid waste management laws and ordinances.

Solid waste recovery facility (WRF) means a solid waste handling facility that provides for the extraction from mixed solid waste of recoverable materials, materials suitable for use as a fuel or soil amendment, or any combination of such materials. Due to the similarity of functions, WRF operations are required to meet all permitting requirements for transfer stations, including obtaining a certificate of need from the Regional Solid Waste Management District.

Solid waste processing facility means a composting facility, transfer station, solid waste recovery facility or other facility that handles or processes solid waste.

Source separated recovered materials means the recovered materials that have been separated from the solid waste stream at the point of generation or at a solid waste materials recovery facility. The term does not require that various types of recovered materials be separated from each other and recognizes solid waste, per industry standards and practices, may be included in recovered materials.

Transfer station means any facility used to manage the removal, segregation, processing, and transfer of solid waste from collection vehicles and containers, and from other private and commercial vehicles to greater capacity transport vehicles.

Waste Diversion means any combination of waste prevention (source reduction), recycling, reuse and composting activities that reduces waste disposed at landfills or incinerators.

Yard waste means grass clippings, leaves, and shrubbery trimmings.

Element Number 1

“Plan Area Structure”

Guidance Document

The Plan Area defines the area for Solid Waste Planning including the information on demographics. Review of this information is critical in determining issues that need more attention for future solid waste planning purposes.

1. **Demographics** – this item will help define the recipients of solid waste services and will determine the number of users located in the planning area.

- 1.1. **Map of District** – Provide a map of the RSWMD. Include the entire jurisdictional area.

See Appendix A.

- 1.1.1. Site the Class 1 cities on this district map.

See Appendix A.

- 1.1.2. Site the locations of permitted landfills, transfer stations, recycling facilities, and composting sites on this district map.

See Appendix A.

- 1.2. **Census Data** – the University of Arkansas Institute for Economic Advancement (IEA) website has a link to the Census Data Center (<http://www.aiea.ualr.edu/csdc.html>). It includes all 2010 census data for the State. Please use this data to provide the following:

- 1.2.1. Current population of the jurisdictional area (*Current county census data is provided in this document under Element 3*); The total population for Clark, Garland and Hot Spring Counties is 151,942.
- 1.2.2. Population change for the jurisdictional area from 1990 to 2010; 120,949 (1990) to 151,942 (2010)
- 1.2.3. Estimated population change for the plan area from 2010 to 2020; 151,942 (2010) to 164,303 (2020)
- 1.2.4. Current housing occupancy statistics for the jurisdictional area.

	<u>Total</u>	<u>Housing Units</u>		<u>% Occupied</u>
		<u>Occupied</u>	<u>Vacant</u>	
Clark County	10,385	8,783	1,602	84.6%
Garland County	50,548	40,994	9,554	81.1%
Hot Spring County	<u>14,332</u>	<u>12,664</u>	<u>1,668</u>	88.4%
Total	75,265	62,441	12,824	83.0%

Element Number 2

“Administrative Structure”

Guidance Document

The Administrative Structure of the RSWMD is essential to understanding how the District functions on a daily basis, how decisions are made by the Board and the staff, what other entities and/or individuals are involved in the decision-making process, and how the District is funded.

2.1 Board Composition

2.1.1 Elected Officials – Provide a list of the name and public entity represented by the current Board Members, the years of service on the Board, and any solid waste related certifications they may hold.

*Clark County Judge Troy Tucker – Serving since January 1, 2017

*Garland County Judge Rick Davis – Serving since January 1, 2011

*Gurdon Mayor Sherry Kelley – Serving since January 1, 2015

*Hot Spring County Judge Dennis Thornton – Serving since January 1, 2017

*Malvern Mayor Brenda Weldon – Serving since January 1, 2015

2.1.2 Appointed Members – Provide a list of the name and public entity represented by current Board Members who are appointed by a mayor or county judge. List the years they have served, and whether or not a copy of their appointment papers and minutes of the meeting approving them by the city and/or county are in the District’s files.

*Arkadelphia City Manager Gary Brinkley – Serving since May 2017 (Appointment Confirmed)

*Hot Springs City Manager David Frasher – Serving since March 31, 2016 (Appointment Confirmed)

2.1.3 Advisory Boards – Provide a list of each advisory board, commission, or other entity, public or private, that provided information and/or input into the decision-making mechanism of the Board of Directors.

Southwest Central RSWMD Recycling Advisory Committee Members

Clark County – Arkadelphia Sanitation Director Aaron Bopp, Gurdon Mayor Sherry Kelley,

Garland County – City of Hot Springs Randy Atkinson, GCDES Director Paul Thompson

Hot Spring County – HSCSWA Director Kris Walker, City of Malvern Jacob Wright

2.1.4 Board Meetings - Provide the following information regarding the District’s Board Meetings:

2.1.4.1 How often does the Board meet?

The Board meets on the third Wednesday of the months of January, March, May, July, September and November.

2.1.4.2 Where does the Board meet?

West Central Arkansas Planning & Development District, Inc. offices located at 1000 Central Avenue, Hot Springs.

2.1.4.3 How is the public notified of the meetings?

The public is notified through newspaper publications in THE DAILY SIFTINGS HERALD (Arkadelphia), GURDON TIMES, THE SENTINEL RECORD (Hot Springs) and MALVERN DAILY RECORD.

2.1.4.4 Is an agenda provided to the public prior to scheduled Board meetings?

The agenda is provided to the public through the individual Board members one week prior to each scheduled Board meeting.

2.2 **Public Participation** - This section analyses the relationship between the Board and the public and what steps the District takes to bridge any gap in communication. Provide the following information regarding systematic input from the public:

2.2.1 Does the Board allow time during each meeting for public to address the Board?

The public can address the Board at the conclusion of each Board meeting under "New Business".

2.2.2 Describe how the public is engaged in the decision-making process of the Board?

The public is engaged through each individual Board member's local entity meetings. Any information concerning activities of the Southwest Central RSWMD regarding member entities is coordinated individually respective of the effect of the decision-making process by the Board.

2.2.3 What mechanisms are used by the District to involve the public, industrial sector and business sector, and to inform them of Board activities? Are formal mechanisms in place?

The public is involved through each individual Board member's local entity meetings and through the Recycling Advisory Committee's formal mechanism to review issues which would require review/approval by the SWCRSWMD Board.

2.2.4 Describe the Certificate of Need procedures for obtaining public input regarding a solid waste facility's request for a new permit or renewal of an existing permit.

See Appendix B.

2.3 **District Administrative Staff** - This section analyses the relationship between the Board and the staff that performs the required solid waste functions.

2.3.1 List all staff that is in the direct employment of the RSWMD.

The Southwest Central RSWMD does not have any direct employees.

2.3.2 Include the name, title, whether full or part-time, number of years, and any certifications held that relate to solid waste issues.

2.4 Contractors, Consultants, Service Providers, and Volunteers - This section discusses the private consultants, service providers, and volunteers that provide information/services on a regular basis to the District Board and/or staff.

2.4.1 What administrative functions are 'farmed-out' or contracted to consultants?

Administrative/Fiscal Management Services are provided by West Central Arkansas PDD, Inc..

2.4.2 What non-administrative functions are 'farmed-out' or contracted to consultants?

SWCRSWMD Recycling Center Operation is provided by the City of Hot Springs.

Engineering Services are provided by B & F Engineering, Inc., Hot Springs.

Legal Counsel Services are provided by Arnold, Batson, Turner & Turner, P.A., Arkadelphia.

Recycling/Waste Reduction Education Services are provided by Julie Dickson, Hot Springs.

Audit Services are provided by Jordan, Woosley, Crone & Keaton, Ltd., Hot Springs.

2.4.3 Does a formal contract exist between the District and the contractor for the purpose of providing services?

All services are formally contracted on an "as needed" basis.

2.4.4 What is the length of term of the contract?

All contracts are on-going until terminated by the Board of Directors' review on an "as needed" basis.

2.4.5 From the contractor, complete an inventory of staff that is involved in solid waste administration. Include the name, title, whether full or part-time, number of years in position, and any certifications held that relate to solid waste issues.

West Central Arkansas Planning & Development District, Inc.

Dwayne Pratt, Executive Director, part-time SWCRSWMD, employed since 1992.

Cody Shreve, Program Manager, part-time SWCRSWMD, employed since 2015.

Darian Piper, Community Grants, part-time SWCRSWMD, employed since 2010.

Joyellen Rosamond, Finance Manager, part-time SWCRSWMD, employed since 1996.

2.4.6 List volunteer programs currently in place. Identify how they function within the District.

There are no formal Southwest Central RSWMD Volunteer Programs currently in place.

2.5 Solid Waste Authorities

2.5.1 If any, please list any solid waste authorities that operate within the RSWMD.

The Hot Spring County Solid Waste Authority operates independently within the SWCRSWMD.

2.5.2 List their Board members and the city/county they represent.

Hot Spring County Solid Waste Authority Board of Directors

Mark Badgwell, representing Hot Spring County

Gregory Crain, representing Hot Spring County
Kurt Crawford, representing Hot Spring County
D. R. "Buddy" Wallis, representing Hot Spring County
Jerry L. Dodd, representing Hot Spring County Economic Development Committee
Mitchell Burnett, representing City of Donaldson
Doyle Cannon, representing City of Friendship

2.5.3 Discuss their function and how that relates to management of the District.

The Hot Spring County SWA is responsible for the oversight of all Hot Spring County Solid Waste Policy, except for the City of Malvern, internal to but independent of the Southwest Central RSWMD.

2.5.4 Are there any authority members that serve on the District's Board?

No.

2.5.4.1 If so, please list them and the public entity they represent.

2.6 **Administrative Procedures and Other Documents**

2.6.1 Are the RSWMD's current Rules, Regulations, and Procedures approved by the Board? Effective date?

The Southwest Central RSWMD Board of Directors approved the SWCRSWMD "By Laws" on 4-19-95.

2.6.2 Have they been filed with the Arkansas Secretary of State? How was the public involved in development of the District's Rules, Regulations, and Procedures?

The Southwest Central RSWMD "By Laws" have not been filed with the Arkansas Secretary of State. The public was involved in the development of the "By Laws" through the local member entities review.

2.6.3 Append a copy of the district's approved Rules, Regulations, and Procedures. Include any amendments.

See Appendix C.

2.7 **Administrative Funding**

RSWMDs fund their operations using a variety of methods as described in Arkansas statutes. Funding is also supplied to the Districts via the Solid Waste Management and Recycling Grants Program and the Waste Tire Program.

2.7.1 Provide the following information regarding how the district is funded and the percentages of that funding source when compared to the entire district budget. In the following manner, list the most recent annual funds received from ADEQ for administrative purposes:

a. Recycling Grants -	\$28,153
b. Waste Tire Grants -	\$0
c. Other grants (identify Source) _____	\$0
d. Total administrative funds from Grants	\$28,153

Next, list all administrative fees levied and collected by the District.

<u>Source</u>	<u>Most Recent Annual Dollar Amount</u>	<u>% of total</u>
ADEQ GRANTS (from d above)	\$28,153	20.7%
Local Sources:		
Hauler Licensing	\$3,850	
Taxes	\$0	
Per Capita Fee	\$0	
Assessment/Tipping	\$103,960	
Collection Fee	\$0	
Other*	\$0	
Total Local Revenue	\$107,810	79.3%
Total Annual Funds	\$135,963	<u>100 %</u>

2.8 RSWMD Budget

2.8.1 Provide a copy of the most recent annual budget for the RSWMD.

See Appendix D.

2.8.2 Who approves the annual operating budget for the district?

The Southwest Central RSWMD Board of Directors approves the Operating Budget.

2.9 Public Education and Support

2.9.1 Provide information on the programs and resources utilized by the district to provide education to the general public.

The SWCRSWMD Recycling Advisory Committee coordinates all Public Education Program information utilized throughout the District. The SWCRSWMD prints informational brochures that are distributed

through the local member entities. The brochures utilized include both comprehensive information about the SWCRSWMD and the promotion of Household Hazardous Waste Collection Events held semi-annually within the District. Also, the SWCRSWMD facilitates an annual grant to encourage recycling education in area schools.

See "Appendix E" for examples of brochures and Grant Application.

- 2.9.2** How is the public informed of the goals and objectives, as well as achievement of the goals?

The SWCRSWMD Recycling Advisory Committee coordinates through the local member entities.

- 2.9.3** How is the public informed of the services, available facilities, and programs of the District?

The SWCRSWMD Recycling Advisory Committee coordinates through the local member entities.

- 2.9.4** How is the public involved in the planning and participation of events and programs supporting the district's goals and objectives?

The SWCRSWMD Recycling Advisory Committee coordinates through the local member entities.

2.10 **Programs for Elimination of Illegal Dumping and Open Burning**

- 2.10.1** Explain the RSWMDs programs, enforcement efforts, and public education initiatives to eliminate open burning and burn barrels within the District.

The SWCRSWMD works with the local member entities on an "as needed" basis to provide technical support when required.

- 2.10.2** Provide information on current illegal dump site locations and what programs the District has in place to eliminate these sites.

The SWCRSWMD works with the local member entities on an "as needed" basis to provide technical support when required.

- 2.10.3** Provide the names of all licensed Illegal Dump Control Officers within the RSWMD.

The SWCRSWMD works with the local member entities "as needed" to coordinate individual entity Illegal Dump Control within the District.

Element Number 3

“Waste Origin, Composition, and Characterization”

Guidance Document

Under this element, RSWMDs are asked to identify the quantities and makeup of waste generated within the District. Identifying the quantities and types of waste in the waste stream is an important step in planning for the waste management processes of waste reduction, recycling, re-use, waste to energy, and planning for adequate disposal capacity for the District.

- 3 Waste Categories** - Provide a spreadsheet or table categorizing solid waste as being generated by residential households and commercial entities, as well as waste generated by industries within the District.

- 3.1 Residential and Commercial Waste Estimation** - can be estimated utilizing a per capita generation rate. The most recent information provided by EPA indicates that household and commercial waste (known as municipal solid waste or MSW) is produced at a rate of 4.43 pounds per person per day.

Based on the current estimated per capita generation rate, the Southwest Central RSWMD should generate a total of 122,841 tons MSW into the waste stream (151,942 X 4.43 (lbs.) X 365 (days) / 2000lbs).

Waste Disposed in District Designated Landfills (based on actual 2011 waste receipt records)

<u>Facility</u>	<u>Class 1 Waste</u>	<u>Class 4 Waste</u>
Clark County Class 4	N/A	3,303 tons
Garland County Class 4	N/A	87,233 tons
Waste Management, Inc.	<u>103,960 tons</u>	<u>(inclusive)</u>
Total	103,960 tons	90,536 tons

- 3.2 Municipal Solid Waste Makeup** - can be computed by utilizing the percent of material commonly found in the waste stream and the populations for each county of the state. This information, found on the website for the U.S. Census Bureau, Population Division, is provided on following pages.

2011 Estimated MSW Waste Stream Composition by Material (122,841 tons)

<u>Waste Type</u>	<u>Percent of Waste Stream</u>	<u>Tons</u>
Paper and Paperboard	28.5	35,010
Food Scraps	13.9	17,075
Yard Trimmings	13.4	16,461
Plastics	12.4	15,232
Metals	9.0	11,056
Rubber and Textiles	8.4	10,319
Wood	6.4	7,862
Glass	4.6	5,651
Other	3.4	4,175

3.3 Industrial Waste Generation - Industrial Waste generation rates can differ significantly from one locale to another.

3.3.1 Each RSWMD should conduct a survey of the large industrial waste generators within their District. All estimations of industrial volumes should be based upon the results gained from individual surveys done by the District.

See "Appendix F" for detail on approximately **20,636 tons** of Industrial Waste generated.

3.3.2 Each District should develop a method to identify generators and provide a survey form for completion by the facility.

The Industrial Waste Generators within the SWCRSWMD were identified by utilizing the 2012 Arkansas Manufacturers Directory to determine companies with more than 100 employees. The "provided" Survey Forms were utilized.

3.3.3 These generators might be identified based upon number of employees (such as more than 100 employees), estimated volume waste produce by the facility (such as more than 50 tons per year), or other factors determined by the RSWMD. The Arkansas Industrial Foundation publishes an annual directory of manufacturers. Provide the following for each Generator:

3.3.3.1 Generator Name and its location.

3.3.3.2 Types of waste generated

3.3.3.3 Latest annual volume of industrial waste (exclude waste considered commercial waste)

3.3.3.4 Latest annual types and volumes of materials recycled by the Generator

The Information obtained under this Element will then be used by the RSWMDs and the state to determine the amount of material available in each city and county. It will demonstrate the concentration of waste generation within each District and the potential need for facilities strategically located to manage the waste stream. It can become the basis for planning for future opportunities to divert waste from landfills through recycling, composting, or waste-to-energy facilities strategically located within the RSWMD, surrounding areas, or throughout the State.

2010 Total MSW Waste Stream Composition by Material (tons)

<u>Waste Type</u>	<u>Percent of Waste Stream</u>
Paper and Paperboard	28.5%
Food Scraps	13.9
Yard Trimmings	13.4
Plastics	12.4
Metals	9.0
Rubber and Textiles	8.4
Wood	6.4
Glass	4.6
Other	3.4

Utilizing the population and estimated volume of waste generated by each person on a per day basis (4.43 lbs.), the amount of waste within a RSWMD can be predicted.

A plan area with 200,000 people could be expected to generate 161,695 tons of MSW, not including industrial waste from large manufacturing facilities.

Example: $200,000 \times 4.43 \text{ (lbs.)} \times 365 \text{ (days)} / 2000\text{lbs} = 161,695 \text{ tons of MSW}$

Each material of the waste stream can then be estimated, such as 46,083 tons of Paper and Paperboard.

Example: $161,695 \text{ tons MSW} \times 28.5 \% \text{ percent of waste stream} = 46,083 \text{ tons.}$

Annual Estimates of the Resident Population: April 1, 2010 to July 1, 2016

Geography	April 1, 2010		Population Estimate (as of July 1)				
	Census	Estimates	2012	2013	2014	2015	2016
Arkansas County, Arkansas	19,019	19,018	18,978	18,777	18,502	18,373	18,214
Ashley County, Arkansas	21,853	21,853	21,491	21,234	20,920	20,810	20,492
Baxter County, Arkansas	41,513	41,513	41,068	40,962	40,797	41,070	41,062
Benton County, Arkansas	221,339	221,364	234,243	238,778	243,991	250,851	258,291
Boone County, Arkansas	36,903	36,903	37,356	37,412	37,206	37,229	37,304
Bradley County, Arkansas	11,508	11,508	11,273	11,133	11,024	11,053	10,996
Calhoun County, Arkansas	5,368	5,368	5,306	5,214	5,175	5,209	5,144
Carroll County, Arkansas	27,446	27,443	27,574	27,745	27,742	27,744	27,646
Chicot County, Arkansas	11,800	11,800	11,473	11,344	11,196	10,985	10,945
Clark County, Arkansas	22,995	22,993	22,807	22,650	22,663	22,642	22,657
Clay County, Arkansas	16,083	16,083	15,568	15,312	15,143	15,067	14,920
Cleburne County, Arkansas	25,970	25,969	25,824	25,710	25,670	25,469	25,264
Cleveland County, Arkansas	8,689	8,689	8,615	8,539	8,410	8,299	8,241
Columbia County, Arkansas	24,552	24,552	24,429	24,294	24,078	24,140	23,901
Conway County, Arkansas	21,273	21,267	21,205	21,145	21,019	20,994	20,937
Craighead County, Arkansas	96,443	96,443	99,948	101,654	102,621	104,362	105,835
Crawford County, Arkansas	61,948	61,948	61,940	61,696	61,894	61,894	62,267
Crittenden County, Arkansas	50,902	50,902	50,065	49,730	49,538	48,985	49,235
Cross County, Arkansas	17,870	17,866	17,651	17,492	17,182	17,282	17,037
Dallas County, Arkansas	8,116	8,116	7,979	7,922	7,735	7,583	7,469
Desha County, Arkansas	13,008	13,008	12,575	12,467	12,245	12,007	11,876
Drew County, Arkansas	18,509	18,509	18,762	18,682	18,669	18,675	18,651
Faulkner County, Arkansas	113,237	113,242	118,534	119,299	120,683	121,343	122,227
Franklin County, Arkansas	18,125	18,121	17,957	17,934	17,767	17,709	17,626
Fulton County, Arkansas	12,245	12,245	12,246	12,243	12,130	12,188	12,123
Garland County, Arkansas	96,024	95,995	96,794	96,986	97,183	97,154	97,477
Grant County, Arkansas	17,853	17,853	18,026	18,035	18,059	18,030	18,082
Greene County, Arkansas	42,090	42,090	43,166	43,078	43,717	44,167	44,598
Hempstead County, Arkansas	22,609	22,609	22,346	22,392	22,289	22,038	21,974
Hot Spring County, Arkansas	32,923	33,010	33,457	33,495	33,389	33,483	33,374
Howard County, Arkansas	13,789	13,789	13,693	13,527	13,488	13,350	13,377
Independence County, Arkansas	36,647	36,647	36,925	36,873	37,113	37,073	37,168
Izard County, Arkansas	13,696	13,696	13,522	13,386	13,508	13,454	13,433
Jackson County, Arkansas	17,997	17,998	17,649	17,690	17,565	17,350	17,221
Jefferson County, Arkansas	77,435	77,435	74,618	73,150	72,376	71,764	70,016
Johnson County, Arkansas	25,540	25,540	25,911	25,896	25,998	26,146	26,176

Source: U.S. Census Bureau, Population Division, March 2017

Geography	April 1, 2010		Population Estimate (as of July 1)				
	Census	Estimates	2012	2013	2014	2015	2016
Lawrence County, Arkansas	17,415	17,411	17,047	17,067	16,987	16,741	16,735
Lee County, Arkansas	10,424	10,424	10,162	9,991	9,798	9,645	9,310
Lincoln County, Arkansas	14,134	14,134	14,139	14,023	13,967	13,841	13,705
Little River County, Arkansas	13,171	13,168	12,920	12,739	12,525	12,445	12,451
Logan County, Arkansas	22,353	22,350	22,018	22,111	21,959	21,796	21,792
Lonoke County, Arkansas	68,356	68,354	70,101	70,807	71,563	71,697	72,228
Madison County, Arkansas	15,717	15,720	15,619	15,684	15,714	15,717	16,072
Marion County, Arkansas	16,653	16,651	16,616	16,446	16,421	16,214	16,325
Miller County, Arkansas	43,462	43,462	43,649	43,440	43,556	43,899	43,787
Mississippi County, Arkansas	46,480	46,480	45,531	44,687	44,243	43,699	42,835
Monroe County, Arkansas	8,149	8,150	7,843	7,670	7,612	7,415	7,169
Montgomery County, Arkansas	9,487	9,487	9,320	9,222	9,107	8,972	8,879
Nevada County, Arkansas	8,997	8,997	8,911	8,791	8,689	8,553	8,398
Newton County, Arkansas	8,330	8,330	8,087	8,078	7,914	7,923	7,936
Ouachita County, Arkansas	26,120	26,121	25,405	24,969	24,799	24,370	24,098
Perry County, Arkansas	10,445	10,441	10,336	10,337	10,244	10,182	10,132
Phillips County, Arkansas	21,757	21,757	20,762	20,437	19,938	19,534	18,975
Pike County, Arkansas	11,291	11,291	11,270	11,126	11,002	10,854	10,832
Poinsett County, Arkansas	24,583	24,583	24,293	24,156	24,155	24,028	24,023
Polk County, Arkansas	20,662	20,662	20,440	20,361	20,252	20,225	20,173
Pope County, Arkansas	61,754	61,754	62,631	62,538	63,094	63,492	63,779
Prairie County, Arkansas	8,715	8,715	8,460	8,364	8,314	8,280	8,251
Pulaski County, Arkansas	382,748	382,788	388,905	391,312	392,633	392,932	393,250
Randolph County, Arkansas	17,969	17,970	17,854	17,621	17,540	17,455	17,448
St. Francis County, Arkansas	28,258	28,258	27,907	27,408	27,026	26,578	26,196
Saline County, Arkansas	107,118	107,141	111,758	114,287	115,780	117,358	118,703
Scott County, Arkansas	11,233	11,208	10,986	10,874	10,659	10,510	10,277
Searcy County, Arkansas	8,195	8,192	7,988	7,979	7,908	7,850	7,967
Sebastian County, Arkansas	125,744	125,776	127,418	127,127	126,827	127,590	127,793
Sevier County, Arkansas	17,058	17,058	17,153	17,297	17,377	17,226	16,910
Sharp County, Arkansas	17,264	17,267	17,061	17,084	16,904	16,931	17,157
Stone County, Arkansas	12,394	12,394	12,610	12,490	12,445	12,430	12,539
Union County, Arkansas	41,639	41,639	40,864	40,603	40,158	40,158	39,887
Van Buren County, Arkansas	17,295	17,294	17,167	16,992	16,893	16,780	16,628
Washington County, Arkansas	203,065	203,043	211,497	215,979	219,891	224,233	228,049
White County, Arkansas	77,076	77,076	78,670	78,635	78,532	79,013	79,263
Woodruff County, Arkansas	7,260	7,264	7,068	7,042	6,886	6,727	6,641
Yell County, Arkansas	22,185	22,185	21,804	21,768	21,850	21,607	21,552

Source: U.S. Census Bureau, Population Division, March 2017

Element Number 4

“Waste Collection, Recycling, and Disposal”

Guidance Document

There should be an evaluation of the collection, recycling and disposal system in place within the District. This should demonstrate the level of services provided, type of services provided, and the associated costs of those services. The effectiveness and convenience of collection services for all residents should be evaluated, as well as providing information for RSWMD planning.

Additionally, this element will provide a very clear outline of the current infrastructure (facilities and transportation) status in various Districts throughout the State.

In order to have consistent information, all data provided should be from January 1-December 31, 2011.

- 4.1 Existing Solid Waste Management Facilities** -This item will provide a description and available handling capacity on all existing facilities used in management or disposal of solid waste within the District.

See Appendix G.

- 4.1.1 Landfills** - While landfills have historically been the primary depository of solid waste collected within the state, more and more RSWMD's are looking for alternatives to land disposal.
- 4.1.2** Each RSWMD should identify all facilities within the jurisdiction that is utilized for management of Solid Waste, including waste to energy facilities, C&D Recycling facilities, Recycling centers, as well as landfills.
- 4.1.3** A map locating each type of facility should be provided. (see Element 1.1.2)
- 4.1.4** Each landfill should be listed and information on volumes received, source of waste (in District vs. out of District), remaining life/capacity, expansion plans, projected closure date.
- 4.1.5** Recognizing that landfill operators charge different customers different tipping fees based upon contract terms, volume, and special handling requirements, the “gate rate” for each material accepted should be provided.

- 4.2 Transfer Stations** play a significant role in providing economical transport of collected waste to final disposition. Transfer stations also provide local disposal options for waste materials not collected by Collection Company.

See Appendix G.

- 4.2.1** Identify each transfer station and the services provided at the transfer station should be listed (such as types of material accepted for disposal, recycling, composting.).

- 4.2.2 A map should be provided depicting the location of all transfer stations within the RSWMD. (see 1.1.2)
- 4.2.3 For each transfer station, the facility that the collected material is sent to should be identified (such as landfill, material recovery facility, compost site).

4.3 All other facilities utilized for management of collected waste should be identified.

See Appendix G.

- 4.3.1 The list of facilities might include Material Recovery Facilities (recycling centers), compost facilities, C&D recovery facilities or waste-to-energy facilities.

4.4 For each facility, identify the amount and type of material handled, service area serviced, and service charge to customers utilizing facility.

See Appendix G.

- 4.4.1 Provide a listing of each existing facility, including the following information:

- 4.4.1.1 Name of Facility

- 4.4.1.2 Physical Address or description of Location of the Facility

- 4.4.1.3 Contact Information

- 4.4.1.4 Type of Facility (ie: Class I Landfill, Class 3 Landfill, Class 4 Landfill, Transfer Station, Recycling Facility, etc.)

- 4.4.1.5 Remaining Capacity of the disposal facilities, in years and cubic yards, using the most recent Annual Engineering Inspection Report. These reports are available on ADEQ's website.

(http://www.adeg.state.ar.us/solwaste/branch_technical/permitted_facils/permit_list.asp)

4.5 Solid Waste Collection Systems - This item will provide a description and available capacity of the collection/transportation systems in place in the District.

- 4.5.1 Provide a table of the existing solid waste collection systems within the RSWMD.

Southwest Central RSWMD Collection Systems

Clark County provides curbside collection for residents in the unincorporated areas with once weekly pick-up for approximately 1,580 accounts billed monthly (\$8.00) directly to serviced residents.

The City of Arkadelphia provides curbside collection for approximately 3,700 accounts within City limits twice weekly billed monthly (\$15.00) mandatory on water bill.

The City of Gurdon contracts with Walker Sanitation to provide curbside collection for approximately 1,100 accounts within City limits once weekly billed monthly (\$10.00) mandatory on water bill.

Garland County provides containers curbside for residents in the unincorporated areas with once weekly pick-up by private industry contractors for approximately 24,000 accounts billed monthly (\$13.50) directly to serviced residents.

The City of Hot Springs provides curbside collection for approximately 12,500 accounts within City limits once weekly billed monthly (\$11.50 or \$18.00, dependent on container size) mandatory on water bill. Curbside collection of bulky items is available free bi-weekly to all residents within City limits. Compost is made available to all City residents free of charge as "is produced".

The Hot Springs Village P.O.A. provides curbside collection for approximately 9,000 accounts once weekly billed bi-monthly (\$30.00 or \$40.92) mandatory on water bill.

Hot Spring County provides 11 convenience stations for drop off of Class 1, Class 4 and recyclable materials for approximately 32,923 residents with operation costs paid for by a dedicated sales tax.

The City of Malvern contracts with WM to provide curbside collection for approximately 3,279 accounts within City limits once weekly billed monthly (\$10.02) mandatory on water bill.

4.6 Collection Service Providers - Identify the type of service provided, service area, frequency of collections, contractual arrangement (individual or exclusive contract), and method of revenue collection (from individual or contract with government entity).

4.6.1 Determine the cost of services for residential services (garbage, recycling, bulky waste, yard waste, and other services).

See **Section 4.5.1.**

4.6.2 Each collection company should provide the number of accounts (residential, commercial, and industrial).

See **Section 4.5.1..**

4.6.3 Include the volume of material delivered to end point facility (landfill, transfer station, recycling center, compost center, etc).

See **Section 3.1.**

4.7 Waste Hauler/Transporter Information - Please Provide the following information for each Waste Hauler/Transporter:

See Appendix H.

4.7.1 Name of Hauler/Transporter

4.7.2 Contact Information

4.7.3 Hauler Equipment List and Hauling Capacity.

4.7.4 Detailed map showing coverage area served by the hauler. (This map should provide coverage on a street level of detail.)

4.7.5 Type(s) of materials transported, including commercial and industrial wastes.

4.8 **Import/Export Status** - This item will provide information about the waste that is generated within the jurisdictional area of the District and shipped out for management or disposal. Additionally, this item will provide information about waste generated outside the jurisdictional area of the District and shipped into the District for management or disposal.

4.8.1 Provide a list of the types and estimated annual volume of waste generated within the jurisdictional area of the District and shipped out of the District and/or out of state for management or disposal.

See **Section 3.1** for total Class 1 solid waste (103,960 tons) shipped to Waste Management, Inc. facilities located in Pulaski County and Jefferson County for year 2017.

4.8.2 Provide a list of the types and estimated annual volume of waste imported into the District for management or disposal.

N/A

4.8.3 Provide a list of haulers that pick up Arkansas generated waste in District and transport it out of state for disposal.

N/A

“Executive Summary”

E.1 The executive summary should provide an overall evaluation of the current state of solid waste within the RSWMD, thereby satisfying the requirements of A.C.A. § 8-6-716.

E.2 It should identify areas where planning is needed to address capacity issues within the district. It should evaluate the need for landfill capacity, as well as the need for recycling facilities, C&D recovery facilities, waste to energy facilities, compost facilities, as well as other opportunities to divert waste from landfills.

E.3 It should give an overview of the transportation effectiveness within the district including adequacy of transfer stations in meeting strategic movement of waste to landfills within the district, as well as out of district/state disposal locations.

E.4 The summary should also include any recommendations for regulatory and statutory changes needed for the safe and environmental protection of the state’s natural resources.

E.5 The adequacy of funding within the RSWMD should be discussed for future needs of the district.

The Southwest Central Regional Solid Waste Management District 2018 Needs Assessment Report is intended to meet all State of Arkansas requirements with regard to the planning and management of solid waste within the boundary area of Clark, Garland and Hot Spring Counties.

The Solid Waste Management System in the SWCRSWMD is actively functioning in the manner that the legislation that 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. The SWCRSWMD has reflected the willingness of the member entities to approach solid waste issues in a fashion that can be beneficial to both the individual members and reap benefits for the collective body as well. The members are

united in the fact that they cooperate as a group to determine the best possible solution for disposal of Class 1 solid waste, because there is no Class 1 landfill located within District boundaries. Also, the cooperation is well evidenced with the continued growth of operations of the SWCRSWMD Recycling Center, the development of the E-Waste Recycling Program and the success of the Household Hazardous Waste Collection events held to date. By maintaining communication and regular meetings among the officials of the member entities, actions and policies of the SWCRSWMD Board of Directors will be a reflection of the collaboration on key Solid Waste Management issues. Also, the SWCRSWMD will seek to broaden the scope of views and concerns it considers on Solid Waste Management issues by involving and informing the residents of the District about the issues faced by the member entities. The SWCRSWMD Recycling Advisory Committee currently serves as the primary avenue to gather public input on these issues.

In order to assess the needs of the SWCRSWMD for the purpose of completing the 2013 Needs Assessment Report, the area, identity and quantity of solid waste, collection services and disposal facilities have been reviewed and analyzed. 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. The identity and quantity of solid waste has not substantially changed within the District in recent years. The SWCRSWMD has no Class 1 disposal capacity, yet the District does have capacity need, as evidenced by the 103,960 tons identified as being disposed of during 2011. Beginning October 1, 2006, the SWCRSWMD has contracted with Waste Management of Arkansas, Inc. for the disposal of Class 1 waste in one of the WM landfill sites located in Jefferson County, Pulaski County and Yell County. A new Agreement has extended this relationship through September 30, 2019, at WM landfill sites located in Jefferson County and Pulaski County. The SWCRSWMD has a Class 4 landfill located in Clark County with permitted capacity of approximately 2 years and a Class 4 landfill located in Garland County with permitted capacity of approximately 3 years. The SWCRSWMD Board of Directors continues to explore the long-term disposal capacity needs of the District and the possibility of siting a Class 1 landfill within District boundaries.

The SWCRSWMD currently does not play an active role in the transportation issues of the individual member Solid Waste Management Systems. The District involvement is limited to technical assistance as required by the individual jurisdictions. The District does not anticipate significant transportation related issues or needs in the near future.

The SWCRSWMD currently does not anticipate any recommendations for regulatory or statutory changes needed for the environmental protections of the State's natural resources in the near future.

The SWCRSWMD Board of Directors continues to evaluate the adequacy of funding for both short-term and long-term needs of the District. This review includes the level of funding available to be generated from within the District through the self-imposed assessment fee and the level of funding available through grant programs at the Arkansas Department of Environmental Quality.

Appendices

Appendix A – Map / Facility Listing

Appendix B – Certificate of Need Review Program

Appendix C – SWCRSWMD By Laws

Appendix D – Budget Information

Appendix E – Informational Brochures

Appendix F – SWCRSWMD Industrial Waste Generation Surveys

Appendix G – SWCRSWMD Solid Waste Management Facilities Surveys

Appendix H – SWCRSWMD Waste Hauler/Transporter Surveys

Appendix A – Map / Facility Listing

Southwest Central

Regional Solid Waste Management District

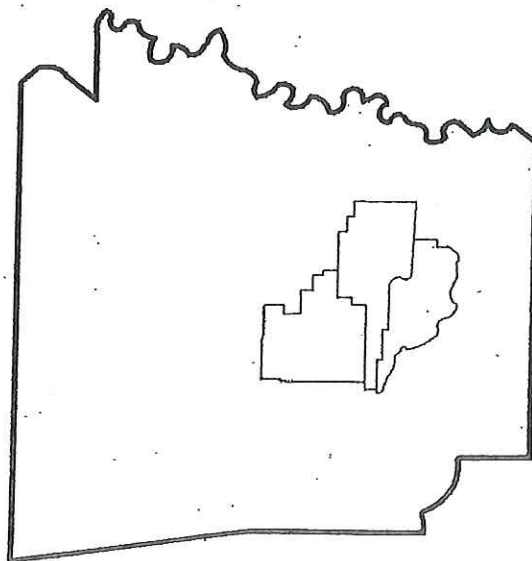
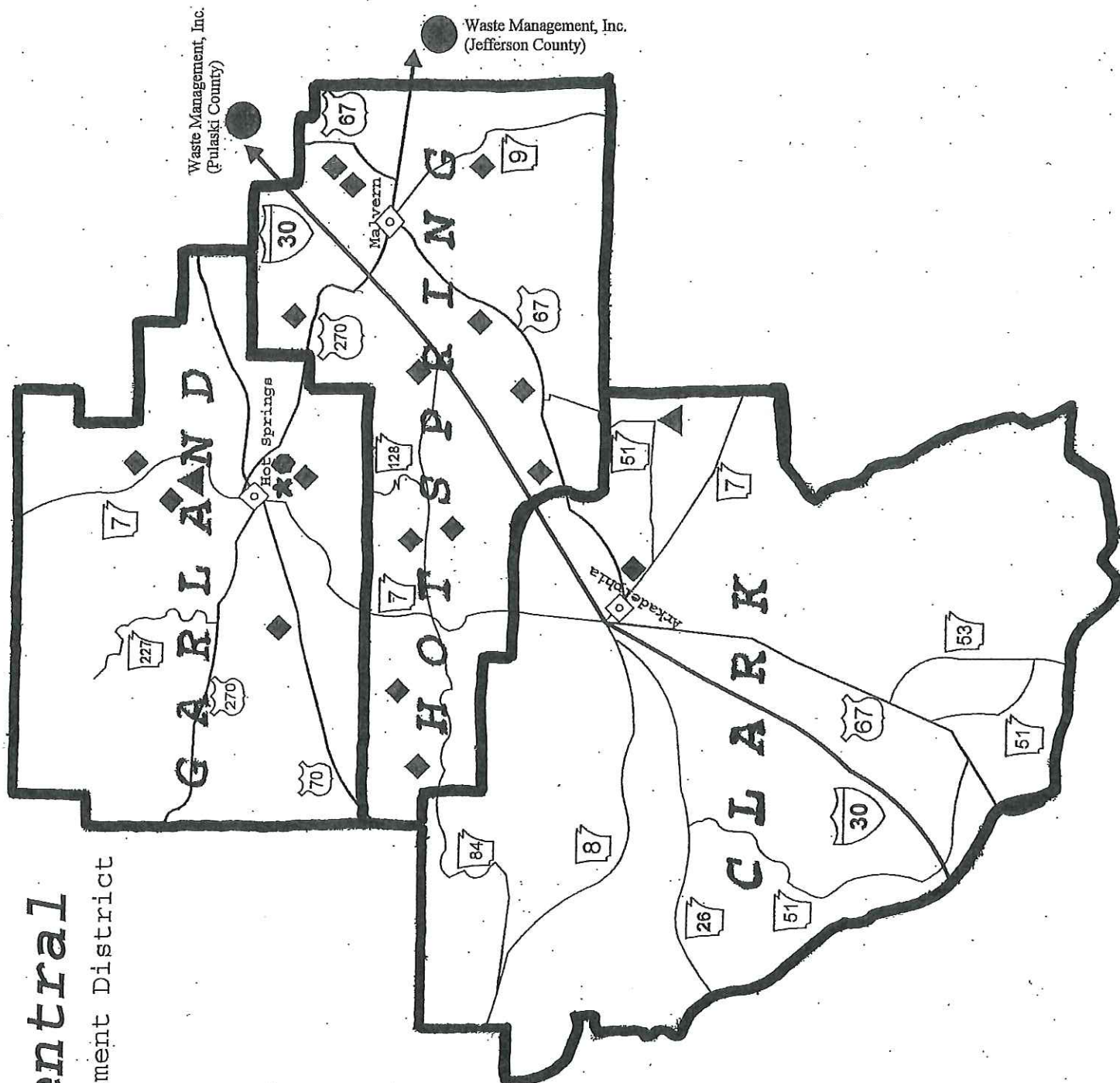
▲ Class IV Landfill

◆ Collection / Transfer Station

● Class I Landfill Disposal Facility
(Located outside SWCRSWMD)

★ Recycling Facility

◆ Compost Facility



Southwest Central RSWMD – Solid Waste Management Facilities

Compost Facility

City of Hot Springs, 318 Davidson Drive, Hot Springs

Landfills

Clark County Class 4 Landfill, 507 Round Hill Road, Arkadelphia
Garland County Class 4 Landfill, 1040 Cedar Glade Road, Hot Springs

Material Recovery Facility

Southwest Central RSWMD Recycling Center, 218 Runyon St., Hot Springs

Transfer Stations

City of Arkadelphia, 267 Hemphill Road, Arkadelphia
Garland County – Cedar Glade, 1040 Cedar Glade Road, Hot Springs
Garland County – 7N, 685 Hwy. 7N, Hot Springs
Garland County – 70W, 2634 Airport Road, Hot Springs
City of Hot Springs, 213 Services Lane, Hot Springs
Hot Spring County SWA – #1 Gifford Station, 20772 Hwy. 67N, Malvern
Hot Spring County SWA – #2 Social Hill Station, 267726 Hwy. 84, Malvern
Hot Spring County SWA – #3 Bismarck Station, 8871 Hwy. 84, Bismarck
Hot Spring County SWA – #4 Hwy. 9 Station, 8815 Hwy. 9, Malvern
Hot Spring County SWA – #5 Donaldson Station, 33594 Hwy. 67S, Donaldson
Hot Spring County SWA – #6 Jones Mill Station, 4811 Hwy. 270, Malvern
Hot Spring County SWA – #7 Caney Station, 6504 Hwy. 128, Donaldson
Hot Spring County SWA – #8 Point Cedar Station, 1882 CC Road, Bismarck
Hot Spring County SWA – #9 Friendship Station, 1180 Caney Road, Friendship
Hot Spring County SWA – #10 Satellite Station, 20782 Hwy. 67N, Malvern

Appendix B – Certificate of Need Review Program

CERTIFICATE OF NEED REVIEW PROGRAM

FOR

**SOLID WASTE LANDFILL FACILITIES
AND TRANSFER STATIONS**

IN THE

**SOUTHWEST CENTRAL REGIONAL SOLID
WASTE MANAGEMENT DISTRICT**

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RULE 1. Description

The powers and duties of the Southwest Central Regional Solid Waste Management Board (Board) are codified in Title 8 - Chapter 6 - Subchapter 7, Disposal of Solid Waste and Other Refuse. The District and Board were created as prescribed in Subchapter 7, and its jurisdictional boundaries include the counties of Clark, Garland, and Hot Spring (District Number 9).

The State law referred to above provides that the Southwest Central Regional Solid Waste Management Board shall have the following powers and duties:

- a. Collect data, study and initially evaluate the solid waste management needs of all localities within the district, as provided in Section 8-6-716 of the law, and to publish their findings as a Regional Needs Assessment;
- b. Evaluate on a continuous basis the solid waste needs of the district, and thereby update the Regional Needs Assessments at least biennially;
- c. Formulate recommendations to all local governments within the district on solid waste management issues, and to formulate plans for providing adequate solid waste management;
- d. Issue or deny certificates of need to any application for a solid waste disposal facility permit within the district 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;
- e. Petition the commission or director to issue, continue in effect, revoke, modify, or deny any permit for any element of solid waste management system located within the district based on compliance or noncompliance with the solid waste management plan of the district;
- f. Adopt such rules or regulations pursuant to the Arkansas Administrative Procedure Act, Arkansas Code 25-15-201 et seq., as are reasonably necessary to assure public notice and participation in any findings or rulings of the Board and to administer the duties of the Board;
- g. Establish programs to encourage recycling;

- h. Adopt an official seal and alter it at pleasure;
- i. Maintain an office at such places as it may determine;
- j. Sue and be sued in its own name and to plead and be impleaded;
- k. Make and execute contracts and other instruments necessary or convenient in the exercise of the powers and functions of the district, including, but not limited to, entering into contracts and agreements with private entities for provisions of services;
- l. Carry out all other powers and duties conferred by this subchapter and Arkansas Code 8-6-801 et seq.; and
- m. Enter into an agreement with another solid waste management district to allow one (1) district to transfer solid waste to another district. This will only be allowed if a solid waste district has no legally permitted landfill which can accept its solid waste.
- n. Authorize a disposal facility within a district to accept the receipt of solid waste from another district upon request by the generator of that solid waste, provided that such request specifies the disposal facility and the nature and estimated annual volume of solid waste to be received; provided, however, that notice of all such authorizations shall be submitted to the department within thirty (30) days and shall be incorporated into the district needs assessment in its next regular update.

RULE 2. Definitions

- a. The term "Affected Persons" includes: the applicant; the Arkansas Department of Environmental Quality; the Regional Solid Waste Management Board (RSWMB) or Solid Waste Service Area Board (SWSAB), where applicable, for the area in which the proposed solid waste landfill is to be located; RSWMBs and SWSABs having jurisdiction in contiguous areas to the location; unity of general local government, within the Regional Solid Waste Management District (RSWMD) or Solid Waste Service Area (SWSA); and solid waste landfill permittees having a permitted solid waste disposal site in the RSWMD or SWSA in which the landfill is proposed to be located.

- b. The term "interested party" means the Director or his designee, the Board, the person making application to the Board, or any person submitting written comments on the application within the public comment period.
- c. The term "Certificate of Need" means a certificate issued by the Southwest Central Regional Solid Waste Management Board to any applicant for a solid waste landfill or transfer station permit, 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 wastes generated by the industry or wastes of similar kind or character, under the Arkansas Solid Waste Management Act, (8-6-201 et. seq.) or transfer station permits issued prior to January 1, 1999. The certificate recognizes that such landfill or transfer station, when available, will be needed by those for whom it is intended. A Certificate of Need is a condition of application for a solid waste landfill permit under the Arkansas Solid Waste Management Code and is a condition of application for a transfer station permit under Arkansas Code 8-6-706 et. seq. The Department may deny any permit based upon the denial of a Certificate of Need by the Southwest Central Regional Solid Waste Management Board.
- d. The term "Certificate of Need Review" means review of petitions for Certificates of Need where the landfill or transfer station, if permitted, will be located in this district.
- e. "Solid Waste" means all putrescible and nonputrescible wastes in solid or semisolid, including, but not limited to, yard or food wastes, waste glass, waste metals, waste plastics, waste paper, waste paperboard, and all other solid and semisolid wastes resulting from industrial, commercial, agricultural, community, and residential activities, but does not include materials in the recycling process as the same are defined herein;
- f. "Landfill" means a permitted landfill under the Arkansas Solid Waste Management Act, Arkansas Code 8-6-201 et. seq.
- g. The term "recycling" means the systematic collection, sorting, decontaminating, and returning of waste materials to commerce as commodities for use or exchange.

RULE 3. Purpose and Applicability

- a. The Southwest Central Regional Solid Waste Management Board will administer the Certificate of Need Review Program which: 1) applies to the offering of new or increased solid waste landfill disposal capacity within the district, 2) applies to the construction and operation of a new transfer station within the district, and 3) is consistent with the laws of the State.
- b. In performing its review functions, the Southwest Central Regional Solid Waste Management Board shall follow Procedures and apply criteria developed in accordance with procedures and regulations herein.

RULE 4. General

- a. The Southwest Central Regional Solid Waste Management Board will administer within the Southwest Central Regional Solid Waste Management District a Certificate of Need Review Program.
- b. Only the Southwest Central Regional Solid Waste Management Board will issue or deny Certificates of Need for proposed landfill or transfer station permits within the Southwest Central Regional Solid Waste Management District.
- c. In issuing or denying Certificates of Need, the Southwest Central Regional Solid Waste Management Board will take into account the findings enumerated in the Regional Needs Assessment Report applicable to the area where the landfill site or transfer station is proposed, and the criteria enumerated in RULE 4., Paragraphs c., d., e., and RULE 10.
- d. Each decision of the Southwest Central Regional Solid Waste Management Board to issue a Certificate of Need must be consistent with the Regional Needs Assessment.
- e. Each decision of the Southwest Central Regional Solid Waste Management Board to issue or deny a Certificate of Need must be based on documented evidence clearly indicating that the proposed solid waste landfill or transfer station facility:

- 1) Is consistent with the regional planning strategy adopted by the Southwest Central Regional Solid Waste Management Board in the Regional Needs Assessment or the Regional Solid Waste Management Plan;
- 2) Does not conflict with existing comprehensive land use plans of any local government entities;
- 3) Does not disturb an archaeological site as recognized by the Arkansas Archaeological Survey, or a Rare and Endangered Species habitat as recognized by the Arkansas Game and Fish Commission or the U.S. Fish and Wildlife Service;
- 4) Will not adversely affect the public use of any local, State, or federal facility, including but not limited to, parks and wildlife management areas;
- 5) Does not conflict with the requirements of state or federal laws and regulations on the location of disposal facilities; and
- 6) If located in the 100-year floodplain, does not restrict the flow of the 100-year flood, reduce the temporary water storage capacity of the floodplain, or result in washout of solid waste so as to pose a hazard to human health or the environment.
- 7) If the transfer station proposes to transfer waste outside of the district in which it is located, the petition shall also contain documentation that the district to which the waste will be transferred has been notified and that the regional board of that district has approved the receipt of such waste. This provision shall not apply if the waste is being transported for disposal outside the geographical limits of this state.

NOTE: The decision of the Southwest Central Regional Solid Waste Management Board to issue or deny a Certificate of Need shall not be based on any technical merits related to proposed or existing solid waste landfills or transfer stations.

RULE 5. Scope of Certificate of Need Program

The Southwest Central Regional Solid Waste Management Board will conduct reviews for new or increased solid waste landfill disposal capacity and new transfer station facilities to be located or proposed to be located in the Southwest Central Regional Solid Waste Management District and which are subject to review under the Certificate of Need Program. Following are the only types of permits that are reviewable under the Certificate of Need Program:

- a. Permits for new solid waste landfill disposal sites;
- b. Transfer of existing solid waste landfill disposal permits,
- c. Reclassification of existing solid waste landfill disposal permits.
- d. Permits for new transfer station facilities

RULE 6. Notice of Intent

Before any person submits a petition for a Certificate of Need, that person must notify the Southwest Central Regional Solid Waste Management Board at least thirty (30) days prior to the submission of said petition. The information required in the "notice of intent" shall include:

- a. Name of Applicant;
- b. Applicant's Address and Telephone Number;
- c. Whether the applicant is seeking a new, or transfer or reclassification of an existing landfill permit, or a new transfer station facility;
- d. Site of the proposed or existing solid waste landfill, or transfer station facility, including precise legal description and total landfill facility or transfer station facility acreage;
- e. Description of the geo-political jurisdiction to be served by the landfill or transfer station, including population estimates by jurisdiction;

- f. Confirmation from the Arkansas Department of Environmental Quality that a landfill applicant has requested a statement concerning the current and projected solid waste landfill disposal capacity respective to the area and landfill class being proposed; and
- g. Any other information deemed necessary by the Board at the intent notification submission.

RULE 7. Enforcement

- a. The Certificate of Need Program provides that:
 - 1) No Certificate of Need Application will be accepted nor will a Certificate of Need be issued to any landfill applicant where the solid waste landfill disposal capacity for the respective area and class(s) of permit under review exceeds thirty (30) years at the time the "Notice of Intent" (RULE 6.) is submitted.
 - 2) No Certificate of Need Application will be accepted for review unless a "Notice of Intent" has been filed in accordance with RULE 6.
 - 3) The Southwest Central Regional Solid Waste Management Board will only issue a Certificate of Need for applications which are found to be needed.

RULE 8. Adoption and Public Notice of Review Procedures and Criteria

Before the Southwest Central Regional Solid Waste Management Board adopts these proposed review procedures and criteria, or any revisions to the proposed review procedures and criteria, persons will be given the opportunity to offer written comments on the procedures and criteria. The Southwest Central Regional Solid Waste Management Board will mail a copy of the proposed revisions to the Arkansas Department of Environmental Quality at the time notice is provided pursuant to the following paragraph.

The Southwest Central Regional Solid Waste Management Board will publish, in one or more newspapers of general circulation in the area of jurisdiction, a notice stating that review procedures and criteria, or revisions to them, have been proposed for adoption and are available at the Southwest Central Regional Solid Waste Management Board, Secretary's office for inspection and copying, and the date of the public hearing referred to below.

Prior to the adoption of these rules and any revisions to these rules, the Southwest Central Regional Solid Waste Management Board shall conduct a public hearing not less than twenty (20) days before the effective date of adoption. The public hearing will be held in the county where the administrative office of the Southwest Central Regional Solid Waste Management Board is located.

RULE 9. Procedures for Certificate of Need Review

- a. Notification of the Beginning of a Review. Timely written notification will be sent to affected persons, at the beginning of review of an application for a Certificate of Need, and to any person who has requested his name on the Southwest Central Regional Solid Waste Management Board mailing list maintained by the Southwest Central Regional Solid Waste Management Board. Notification will include the proposed review period (RULE 9. Paragraph b.), the date(s) of any scheduled or anticipated meetings and the public hearing to be held during the course of review, and the location where information related to the request for a Certificate of Need may be reviewed.
 - 1) for purposes of this paragraph, the date of notification is the date on which the notice is sent or the date on which the notice appears in a newspaper of general circulation, whichever is later, and
 - 2) written notification to affected persons will be made by mail; and notification to members of the public will be provided through newspapers of general circulation and public information channels in the Regional Solid Waste Management District or the Solid Waste Service Area, whichever is applicable.
- b. Review Period. The Southwest Central Regional Solid Waste Management Board will establish a review period, which will include: 1) the date of the public hearing to be held in the County where the proposed solid waste landfill is to be located; and 2) the date of final Southwest Central Regional Solid Waste Management Board finding (normally sixty (60) days or less from the date of notification). The review period begins on the date established in RULE 9., Paragraph a.

- c. Public Comment Period. The Southwest Central Regional Solid Waste Management Board will accept written comments regarding an application for the period from the date of notification (RULE 9., Paragraph f.) regarding the application for which notification was made.
- d. Information Requirements. There is a provision for persons subject to a review to submit to the Southwest Central Regional Solid Waste Management Board information that the Southwest Central Regional Solid Waste Management Board requires relating to RULE 4., Paragraph e., Items 1 - 6. The form, manner, and content of the information will be as follows:
1. The applicant's petition for a Certificate of Need shall include:
 - a) Applicant's name, address, and telephone number;
 - b) Name of individual/organization having legal ownership of the land where the proposed site and/or existing landfill is located;
 - c) Description of geo-political jurisdiction to be served, including population estimates by jurisdiction;
 - d) Documentation that the proposed solid waste landfill complies with each of the criteria enumerated in RULE 4., Paragraph e., Items 1 through 7.;
 - e) Amount of disposal capacity being proposed (for landfills – capacity stated in years) and description of how the capacity was calculated; and
 - f) Other information deemed necessary to make determination of need. (This information will be specified and requested of the applicant within two (2) weeks of receipt of initial application.) The beginning of review (RULE 9., Paragraph a.) will not commence until all information is on file with the Southwest Central Regional Solid Waste Management Board.
 2. An application for a Certificate of Need will not be placed under review nor notification of beginning review will be made until or unless the application contains the information specified herein, and has been determined to be complete.
- e. Written Findings and Conditions. Written findings, including specific documentation, which state the basis for any final decision made by the Southwest Central Regional Solid Waste Management Board are required. When a Certificate of Need is to be issued, these findings will include the findings of need required by RULE 7. The Southwest Central Regional Solid Waste Management Board will not make its final decision subject to

any condition unless the condition directly relates to criteria established under RULE 4., Paragraph c., d., e., and RULE 10., and/or criteria prescribed by regulation by the Southwest Central Regional Solid Waste Management Board in accordance with an authorization under State law.

- f. Public Hearing in the Course of Review. The Southwest Central Regional Solid Waste Management Board will provide a public hearing during the course of review and each Certificate of Need application (before the Southwest Central Regional Solid Waste Management Board makes its decision). The public hearing will be held in the County where the proposed solid waste disposal facility is to be located, and notification of said public hearing will be made in accordance with RULE 9., Paragraph a., Item 2).
- g. Ex Parte Contacts. After the commencement of a public hearing under paragraph e. of RULE 9., and before a decision is made, there shall be no "ex parte" contacts between: (1) any person acting on behalf of the applicant, or any person opposed to the issuance or in favor of withdrawal of a Certificate of Need petition and (2) any person in the Southwest Central Regional Solid Waste Management Board who exercises any responsibility respecting the application or withdrawal.

NOTE: An "Ex Parte Contact" is defined as "an oral or written communication not on the public record with respect to which reasonable prior notice to all parties is not given, but it shall not include requests for status reports on any matter or proceeding."

- h. Withdrawal of a Certificate of Need. An applicant for a Certificate of Need will specify the time the applicant will make application for a solid waste landfill permit to the Arkansas Department of Environmental Quality (ADEQ), and a time, that if and when a permit is issued by the ADEQ, that construction will be completed and operation of the permitted facility is to begin. After issuance of a Certificate of Need, the Southwest Central Regional Solid Waste Management Board will periodically review the progress of the holder to the Certificate of Need in meeting the timetable specified in the approved application and report same to the ADEQ. If on the basis of this review the Southwest Central Regional Solid Waste Management Board determines that the holder of the Certificate of Need is not meeting the timetable and is not making a good faith effort to meet it, the Southwest Central Regional Solid Waste Management Board may withdraw the Certificate of Need. In withdrawing a Certificate of Need, the Southwest Central Regional Solid Waste Management Board will follow the procedures in Paragraph f. of this RULE.

- i. Availability of Reports; Method for Obtaining Public Access. The Southwest Central Regional Solid Waste Management Board will provide upon request, notification of the status of the review of proposals, findings made in the course of the reviews, and other appropriate information respecting all reviews. The Southwest Central Regional Solid Waste Management Board will maintain and keep on file, and will provide access by the general public to all applications reviewed by the Southwest Central Regional Solid Waste Management Board and to all other written materials essential to any review.

RULE 10. Criteria for Review of Certificate of Need Applications

The Southwest Central Regional Solid Waste Management Board will utilize the following criteria in its review of petitions for Certificate of Need.

- a. RULE 4., Paragraphs c., d., and e.
- b. The information provided by the applicant in the petition for a Certificate of Need.
- c. The requirements and considerations of any Needs Assessments prepared pursuant to Arkansas Code 8-2-716.
- d. The location of the applicant's proposed solid waste landfill or transfer station based on the districts needs and its highway and road system.
- e. The need for the solid waste landfill based upon the districts excess projected capacity which is currently permitted for operation but in no event shall the districts excess permitted capacity exceed 30 years.
- f. Any Solid Waste Management System Plan, promulgated and approved pursuant to Arkansas Code 8-6-211 and 8-6-212, to the extent these plans conform to an overall regional planning strategy.
- g. A detailed history of the applicant's record and that of the stockholders and officers with respect to violations of environmental laws and regulations of the United States or any state or any political subdivision of any state; and
- h. Any procedures adopted by the Board for issuance of certificates of need.

RULE 11. Continuing Effect of a Certificate of Need

- a. When the Southwest Central Regional Solid Waste Management Board grants a Certificate of Need, the obligation for such approval shall be the submission of a pre-application for a landfill permit or a permit application for a transfer station to the Arkansas Department of Environmental Quality (ADEQ) within sixty (60) days of the date of the Certificate of Need. If after sixty (60) days a pre-application or application has not been submitted to ADEQ then the Certificate of Need may be withdrawn as prescribed in RULE 9., Paragraph h.
- b. Under no conditions or circumstances shall a Certificate of Need be in effect for more than six (6) months, unless a permit application for which the Certificate was issued is pending and active with the ADEQ. If in the event a permit application is denied or approved by the ADEQ, then the Certificate of Need, for which the permit was requested, becomes ineffective.
- c. Under no conditions or circumstances shall a Certificate of Need be transferred, assigned, or otherwise provided to any individual or organization other than as originally specified on the Certificate of Need.

RULE 12. The Sixty (60) Day Application Process for Certificate of need Reviews

The following is a summary of the process for submitting and the progression of an application for a Certificate of Need. Each step in the process must be completed prior to issuing or denying a Certificate of Need.

- a. Letter of Intent - A letter of intent is required for every proposal to be reviewed. A potential applicant must submit a letter of intent to the Southwest Central Regional Solid Waste Management Board prior to submission of an application. (Refer to RULE 6.)
- b. Submission of Application - The applicant is responsible for submitting all information concerning the proposed acquisition of a Certificate of Need for the purpose of obtaining a solid waste landfill or transfer station permit. (Refer to RULE 9., Paragraph d.)
- c. Determination of Completeness - The Southwest Central Regional Solid Waste Management Board will determine the completeness of an application, and within two (2) weeks of receipt of an application, notify the applicant of any additional information necessary for completion of the application. If no requests for additional information are made by the

Southwest Central Regional Solid Waste Management Board within two (2) weeks, the application will be deemed to be complete and affected persons will be notified of the beginning of review. (Refer to RULE 9., Paragraph a. and d.)

- d. Beginning of Review - The initiation of the sixty (60) day review period begins on the date of notification by the Southwest Central Regional Solid Waste Management Board, by letter, to the applicant of the completeness of the application and the beginning of the review or the date that the public notice appears in the newspapers, whichever is later. (Refer to RULE 9., Paragraph a.)
- e. Notification of the Beginning of Review - Upon determination of completeness, the Southwest Central Regional Solid Waste Management Board will notify in writing, the applicant and all other affected persons that the review period for the application has begun. (Refer to RULE 9., Paragraph a. and b.)
- f. Public Hearing During the Course of Review - The Southwest Central Regional Solid Waste Management Board will provide a public hearing during the course of review. (Refer to RULE 9., Paragraph f.)
- g. Southwest Central Regional Solid Waste Management Board Findings - The Southwest Central Regional Solid Waste Management Board will make final determination on the application based on the established criteria and will provide written findings which state the basis for the final determination. (Refer to RULE 9., Paragraph f.) Such findings will be sent to:
 - 1. The applicant,
 - 2. The Arkansas Department of Environmental Quality, and
 - 3. Others upon request.

RULE 13. Appeals of Decision of the Southwest Central Regional Solid Waste Management Board

- a. Any interested party to a Certificate of Need determination by the Board may appeal to decision to the Director to the Department of Environmental Quality pursuant to procedures adopted by the Commission.

Appendix C – SWCRSWMD By Laws

BY LAWS
OF THE
SOUTHWEST CENTRAL REGIONAL SOLID WASTE
MANAGEMENT DISTRICT

SECTION 1. PURPOSE

Pursuant to Act 752 of the Acts of Arkansas of 1991, the Southwest Central Regional Solid Waste Management District and Board have been organized for the purpose of protecting the public health and environmental quality of its service area by establishing a regional solid waste management system.

SECTION 2. JURISDICTION

- A. The Southwest Central Regional Solid Waste Management Board shall have jurisdiction in the Arkansas Counties of Clark, Garland and Hot Spring.
- B. The boundaries of a regional solid waste management district may be modified and new regional solid waste management districts may be created pursuant to 8-6-707 of Act 752 of 1991.

SECTION 3. SOUTHWEST CENTRAL REGIONAL SOLID WASTE
MANAGEMENT BOARD OF DIRECTORS AND TERM OF
OFFICE

A. The Southwest Central Regional Solid Waste Management Board of Directors shall be composed in accordance with the requirements of Act 752 of 1991. The board shall be composed of representatives of the counties within the district and representatives of all first class cities, of all cities with a population over two thousand (2,000) according to latest federal decennial census, and of the largest city of each county within the district. The county judge of each county within the district and the mayor of each city entitled to a representative in the district shall serve on the board unless such county judge or mayor elects instead to appoint a member as follows:

- (1) The county judge with confirmation by the quorum court of each county within the district shall appoint one (1) member to the board.
- (2) The mayor with confirmation by the governing body of each city entitled to a representative in the district shall appoint one (1) member.

B. The county judge of each county within the district and the mayor of each city entitled to a representative serving on the board shall serve during the term of their office. All members appointed pursuant to subsections (1) and (2) above shall serve at the pleasure of the appointing body.

SECTION 4.

POWER AND DUTIES OF THE SOUTHWEST CENTRAL
REGIONAL SOLID WASTE MANAGEMENT BOARD OF
DIRECTORS

A. The Southwest Central Regional Solid Waste Management Board 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 district, as provided in 8-6-716 of Act 752 of 1991 and to publish their findings as a regional needs assessment;
- (2) To evaluate on a continuous basis the solid waste needs of their district and thereby update the regional needs assessment at least biennially;
- (3) To formulate recommendations to all local governments within their district on solid waste management issues, and to formulate plans for providing adequate solid waste management;
- (4) To issue or deny certificates of need to any applicant for a solid waste disposal facility permit within their district with the exception of permits for landfills when private industry bears the expense of operating and maintaining the landfill solely for the disposal of waste generated by the industry of similar kind of character;
- (5) To petition the ADPC&E Commission or its Executive Director to issue, continue in effect, revoke, modify, or deny any permit for any element of a solid waste management system located within the district based on compliance with the solid waste management plan of the district;
- (6) To adopt such rules or regulations pursuant to the Administrative Procedures Act, 24-15-201 et seq., as are reasonably necessary to assure public notice and participation in any findings of rulings of the board and to administer the duties of the board;
- (7) To establish programs to encourage recycling;
- (8) To adopt an official seal and alter it at pleasure;
- (9) To maintain an office at such places as it may determined;
- (10) To sue and be sued in its own name and to plead and be impleaded;

(11) To make and execute contracts and other instruments necessary or convenient in the exercise of the powers and functions of the district, including but not limited to entering into contracts and agreements with private entities for provisions of services;

(12) To carry out all other powers and duties conferred by Act 752 of 1991;

(13) To enter into an agreement with another solid waste management district to allow one district to transfer solid waste to another district. This will only be allowed if a solid waste district has no legally permitted landfill which can accept its solid waste.

B. The regional solid waste management board may:

(1) Apply for such permits, licenses, certificates, or approvals as may be necessary to construct, maintain, and operate any portion of a solid waste management system, and to obtain, hold and use licenses, permits, certificates, or approvals in the same manner as any other person or operating unit of any other person;

(2) Employ such engineers, architects, attorneys, real estate counselors, appraisers, financial advisors, and other consultants and employees as may be required in the judgment of the district and to fix and pay their compensation from funds available to the district therefor;

(3) Purchase all kinds of insurance including, but not limited to, insurance against tort liability, business interruption, and risk of damage to property.

C. A majority of the membership of the board shall constitute a quorum. A majority vote of those members present shall be required for any action of the board.

D. Each member present and in good standing shall be entitled to one (1) vote.

SECTION 5. TENURE OF OFFICE

A. The tenure of office for a member of the Solid Waste Management Board shall be terminated at the time of the election and qualification of a successor, resignation, change of residence to another county or state, or upon death.

B. Vacancies shall be filled for any unexpired term of an appointed member in the same manner as provided in subsections (1) and (2) in Section 3 A.

SECTION 6. OFFICERS

- A. The officers of the Board shall be the Chairman, Vice-Chairman, and Secretary/Treasurer.
- B. Chairman: The Chairman shall be the president of the Board and shall preside at all meetings of the Solid Waste Management Board and shall perform such other duties as may be assigned to them by action of the Solid Waste Management Board.
- C. Vice-Chairman: The Vice-Chairman shall be the Vice-President of the Board and in the event of the absence or inability of the Chairman, the Vice-Chairman shall act as Chairman.
- D. Secretary/Treasurer: The Secretary/Treasurer will be the recording officer of the board keeping the minutes of the meetings and membership roster. The Secretary/Treasurer shall also (a) have general charge and custody of and be responsible for all funds of the Solid Waste Management District in such banks, or other depository, as may be designated by the board; (b) keep correct and complete books and records of account; and (c) perform such other duties as may be assigned to them by the Solid Waste Management Board. Said office shall provide such bond as may be required by the Board.

SECTION 7. SOLID WASTE MANAGEMENT BOARD MEETINGS

- A. The annual meeting of the District membership shall be held on the third Wednesday of January at a time and place to be determined by the Board.
- B. Business of the annual meeting of the district membership shall include at least the following:
1. Election of officers for the Solid Waste Management Board. ~~Each officer shall serve for two (2) years with a two (2) term limit. However, any individual may, after a two year hiatus, again be re-elected to the same office. In addition, nothing shall prohibit the individual from filling another position during the two year hiatus.~~
 2. Reports and budgets from the officers, board and employees.
 3. Other such business as is properly presented to the membership.
- C. Regular meetings of the Board shall be held on the third Wednesday of each subsequent month with time and place to be determined by action of the Board.

AMENDMENT #1 AS FOLLOWS:

Section 7, part C shall read as follows:

- C. *Regular meetings of the Board shall be held on the third Wednesday of every other month with time and place to be determined by action of the Board each year in the months of March, May, July, September, and November.*

D. Meetings may be called by the Board Chairman, or in the Chairman's absence, the Vice-Chairman.

E. Meetings may be called by a majority of the Board on written petition to the Board Chairman. The Chairman shall call a meeting within five (5) days of receipt of petition, said meeting to be held no later than ten (10) days from date of call.

F. Written notice of five (5) days is required on all Solid Waste Management Board meetings.

G. Non-attendance at Board meetings by any member shall cause the full board to notify the appropriate legislative body of said failure. For purposes of this section, non-attendance shall be defined as two consecutive non-excused absences. Action on the issue of possible replacement shall be left to the discretion of the appropriate legislative body.

SECTION 8.

SOLID WASTE MGMT. BOARD RESPONSIBILITIES

A. Formulate policy, promulgate regulations and take such actions, which will best effectuate and carry out the purposes and functions for which the district is created and which are outlined in Act 752 of 1991, as well as subsequently adopted amendments to said law, and all rules and regulations of the appropriate federal, state, or local administrative agencies pertaining thereto.

B. Make application for, secure, and accept such financing as may be required to undertake the performance of the powers, duties and responsibilities of the Board as set forth in Act 752 of 1991. Such financing shall be evidenced by the adoption of an annual budget.

SECTION 9.

REPORTS

The Southwest Central Regional Solid Waste Management District and Board shall have such reports prepared as may be required by federal, state or municipal law or regulation as may be required.

SECTION 10.

CONTRIBUTIONS FROM LOCAL GOVERNMENTS

Each entity of local government shall subscribe and pay annually a pro rata fair share of the cost of the Southwest Central Regional Solid Waste Management District's operation and budget. The methodology for support shall be determined as appropriate by the district board.

SECTION 11. PUBLICATION OF PROCEEDINGS

The minutes of the meetings of the Solid Waste Management Board shall be kept as required for local government units, and by the laws of the State of Arkansas. -

SECTION 12. FISCAL YEAR

The fiscal year for the District shall be January 1 to December 31 except that fiscal reports will be made to comply with all individual state and federal grant programs.

SECTION 13. COMPENSATION

Members shall receive no compensation for attendance at any meeting of the membership, and shall receive no other salary or compensation for their service as a member of the Board other than reimbursement of actual expenses incurred. Board members expenses for attending a meeting shall be counted and recorded as in-kind contributions based upon individual grant programs.

SECTION 14. RULES FOR PARLIAMENTARY PROCEDURE

Robert's Rules of Order shall govern all matters of parliamentary procedure except as provided in these Bylaws.

SECTION 15. AMENDMENT OF BYLAWS

These bylaws may be amended or repealed by new bylaws which may be adopted by an affirmative vote of a majority of the entire Board of Directors at any regular or special meeting of the Board; provided that notice of the proposed action shall have been included in the notice of the meeting and mailed to the Board members of the Southwest Central Regional Solid Waste Management District at least ten days prior to the meeting.

To become effective immediately upon passage thereof..

Dated this 19th day of April, 1995.

Approved:

Attest:

Bill Schunk
Secretary

Jimmy Williams
Chairman

Appendix D – Budget Information



Recycle Budget

Budget Year 2018

Account	Account Description	2017 Adopted Budget	2018 CM Review
Fund 219 - Recycling Center			
EXPENSE			
Function 9 - Municipal Utilities			
Department 205 - Recycling Center			
Personnel Costs			
Miscellaneous			
5074	Workman's Comp.	4,092.00	4,092.00
	Miscellaneous Totals	\$4,092.00	\$4,092.00
Salaries Wages & Benefits			
5013	Regular Salaries	80,233.00	82,935.00
5022	Longevity Pay	395.00	400.00
5071	Group Medical Insurance	23,649.00	24,291.00
5072	Retirement Match	11,691.00	12,547.00
5073	Social Security-FICA	6,168.00	6,375.00
	Salaries Wages & Benefits Totals	\$122,136.00	\$126,548.00
	Personnel Costs Totals	\$126,228.00	\$130,640.00
Services			
Services and other			
5175	Travel Expense	1,000.00	500.00
5176	Professional Training	500.00	500.00
5191	Building/Lease Rental	14,400.00	14,500.00
5230	Public Officials Liab.Ins	425.00	625.00
5233	Vehicle/Equip Insurance	1,500.00	2,200.00
5235	Building Insurance	480.00	500.00
5279	Other Professional Serv.	2,000.00	2,000.00
	Services and other Totals	\$20,305.00	\$20,825.00
Repair and Maintenance			
5130	VehicleRepair Outside Shp	2,200.00	2,200.00
5131	Building Repairs	2,000.00	2,000.00
5132	Equipment Repairs	10,000.00	10,000.00
5134	Vehicle Repairs	9,500.00	9,500.00
	Repair and Maintenance Totals	\$23,700.00	\$23,700.00
Utilities			
5201	Electrical Service	8,000.00	8,000.00
5203	Water & Sewer Service	675.00	685.00
5205	Communication Exp	500.00	500.00
5207	Solid Waste Services	1,950.00	1,970.00
	Utilities Totals	\$11,125.00	\$11,155.00
	Services Totals	\$55,130.00	\$55,680.00



Recycle Budget

Budget Year 2018

Account	Account Description	2017 Adopted Budget	2018 CM Review
Fund 219 - Recycling Center			
EXPENSE			
Function 9 - Municipal Utilities			
Department 205 - Recycling Center			
Supplies			
Materials, goods & supplies			
5324	Vehicle Repair Parts	4,500.00	4,500.00
5326	Fuel	8,000.00	8,000.00
5339	Printing & Forms	2,300.00	2,300.00
5375	Equipment Repair Parts	7,500.00	7,500.00
5393	Janitorial Supplies	100.00	100.00
5399	Miscellaneous Supplies	10,000.00	10,000.00
	Materials, goods & supplies Totals	\$32,400.00	\$32,400.00
	Supplies Totals	\$32,400.00	\$32,400.00
Capital Assets			
Capital			
5853	Special Purpose Equipment	35,000.00	25,000.00
	Capital Totals	\$35,000.00	\$25,000.00
	Capital Assets Totals	\$35,000.00	\$25,000.00
Department 205 - Recycling Center Totals		\$248,758.00	\$243,720.00
Function 9 - Municipal Utilities Totals		\$248,758.00	\$243,720.00
EXPENSE TOTALS		\$248,758.00	\$243,720.00
Fund 219 - Recycling Center Totals		\$248,758.00	\$243,720.00
EXPENSE TOTALS		\$248,758.00	\$243,720.00
Fund 219 - Recycling Center Totals		(\$248,758.00)	(\$243,720.00)
Net Grand Totals		\$0.00	\$0.00
REVENUE GRAND TOTALS		\$248,758.00	\$243,720.00
EXPENSE GRAND TOTALS		\$248,758.00	\$243,720.00
Net Grand Totals		(\$248,758.00)	(\$243,720.00)

Appendix E – Informational Brochures

ILLEGAL DUMPING



Illegal Dumping Costs Everyone

- ◆ Encourage proper disposal of waste.
- ◆ Identify, prioritize, and map locations of illegal dumps.
- ◆ Receive and investigate complaints of illegal dumping.
- ◆ Contact perpetrators for the cleanup of the dump site.
- ◆ Work with local law enforcement, county and state officials in coordinating efforts to effect cleanup of illegal dumps—over 500 have been closed.



Your environment depends on you!
Help Stop Illegal Dumping

SOUTHWEST CENTRAL REGIONAL SOLID WASTE MANAGEMENT DISTRICT

- ◆ Was authorized by Arkansas Act 752 of 1991.
- ◆ Is a branch of the West Central Arkansas Planning & Development District, Inc.
- ◆ Covers Clark, Garland and Hot Spring counties in Southwest Arkansas.
- ◆ Is governed by a Board of Directors consisting of county judges, mayors or city managers of the largest & first class cities (over 2000 people) or their designated representative.

BOARD OF DIRECTORS

Clark County.....Judge Ron Daniell
Arkadelphia.....City Mgr. Jimmy Bolt
Gurdon.....Mayor Clayton Franklin
Garland County.....Judge Rick Davis
Hot Springs.....City Mgr. David Watkins
Hot Spring County....Judge Bill Scrimshire
Malvern.....Mayor Stephen Northcutt

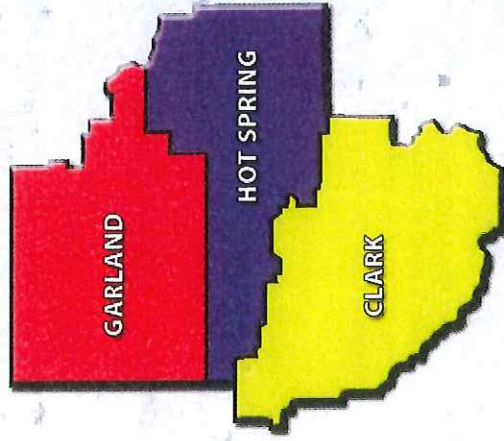
WEST CENTRAL STAFF

Dwayne Pratt - Executive Director
Tim Driggers - Project Coordinator
Mary Jane Hazen - Administrative Coordinator

Phone: (501) 525-7577, Fax: (501) 525-7677

dpratt@wcapdd.org
tdriggers@wcapdd.org

Southwest Central Regional Solid Waste Management District



“Keeping Our Area Clean & Safe”

Administered by

**WEST CENTRAL ARKANSAS
PLANNING & DEVELOPMENT
DISTRICT, INC.**

1000 Central Avenue

P.O. Box 6409

Hot Springs, AR 71902

MANAGEMENT OPERATIONS

The Southwest Central Regional Solid Waste Management District provides for the lawful and safe disposal of municipal / commercial solid waste. The District Board is responsible for providing disposal sites and systems while endeavoring to maintain costs to business and the public at a reasonable level.

- ◆ Negotiate landfill disposal contracts
- ◆ Issue and monitor solid waste hauling licenses

GRANT ADMINISTRATION

- ◆ Develop proposals for public and private funding of District programs
- ◆ Provide administration of state mandated programs such as needs assessment, development of solid waste management plans and provide reports for the District as required.

PLANNING / DEVELOPMENT

- ◆ Provide information to the public and private agencies on the District's programs.
- ◆ Provide long-range planning including goals for disposal of solid waste.
- ◆ Assist counties and cities in the development of waste collection systems.
- ◆ Update and publish the Regional Needs Assessment annually.

LOCAL RECYCLING CENTER

Southwest Central Regional Recycling Center
218 Runyon Street
Hot Springs, AR 71901
(501) 321-6911

RECYCLING

- ◆ The District sponsors and helps to encourage and finance local recycling promotion programs.
- ◆ Operates the Recycling Processing Center located in Hot Springs, markets the products for participants, disperses revenues and processes over 3,500 tons annually.



Paper & Corrugated Baler

- ◆ Household Hazardous Waste collection is sponsored and financed by the District. It provides information to the public on collection sites, types of materials accepted and limitations.
- ◆ Engages the contractor to perform the safe collection and disposal of the hazardous waste.



EDUCATION

“BAGMAN”
Bag of Household Trash”

- ◆ Education programs relating to trash disposal costs and recycling benefits are sponsored and financed in elementary schools throughout the District. Videos, elementary publications and the media are used to encourage recycling and good solid waste reduction habits.
- ◆ Provides informative resource materials on landfills and waste disposal.

WASTE TIRES



- ◆ The District provides for orderly collection and disposal of waste tires.
- ◆ The District participates in the Inter-District Waste Tire Management Program, which oversees the District's collection of used tires.
- ◆ Periodically offers off-road tire amnesty programs for the collection and disposal of waste tires.
- ◆ Average monthly tires collected - 12,937



Illegal Tire Dumping



Printed on Recycled Paper

GARLAND COUNTY RESIDENTS*

COLLECTION DAY

SATURDAY

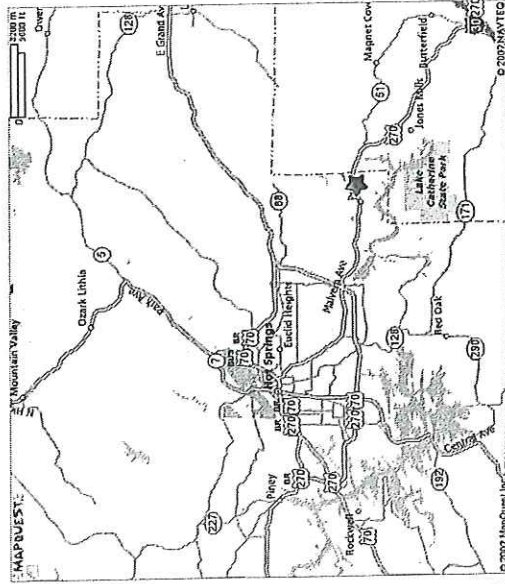
Saturday, Oct. 14, 2017

Collection Time

8:00 a.m.-1:00 p.m.

**in Hot Springs
Garland County
Fairgrounds**

**4831 Malvern Avenue
(Hwy. 270 East)**



***NOTE:** Hot Spring and Clark County residents can bring materials to the Hot Springs collection site if more convenient.

HOT SPRING COUNTY RESIDENTS

may take their materials to
the Garland County or
Arkadelphia collection
location

HOUSEHOLD HAZARDOUS WASTE (HHW)

WHY BE CONCERNED?

HHW materials are classified into four general types: (1) **TOXIC** – if swallowed or inhaled; (2) **CORROSIVE** – causing permanent damage to tissue or home surfaces; (3) **IRRITANT** – causing inflamed eyes, nose, throat or skin; and (4) **FLAMMABLE** – readily ignited onto flames or can explode, even when cool.

Nearly every home has some hazardous materials, generally small amounts, but the collective volume from a large population can cause severe damage in landfills, sewer treatment systems and storm drainage systems that end up in streams and lakes. Most hazardous products are water-soluble, and once dissolved in our waste water, they are not readily removed by typical treatment systems. They should not just be flushed down the toilet or poured into a storm drain or roadside ditch. HHW materials can also affect septic systems or contaminate their leach field. These are the reasons why everyone should learn about the proper disposal of HHW and participate in this collection effort.

CLARK COUNTY RESIDENTS

COLLECTION DAY

SATURDAY

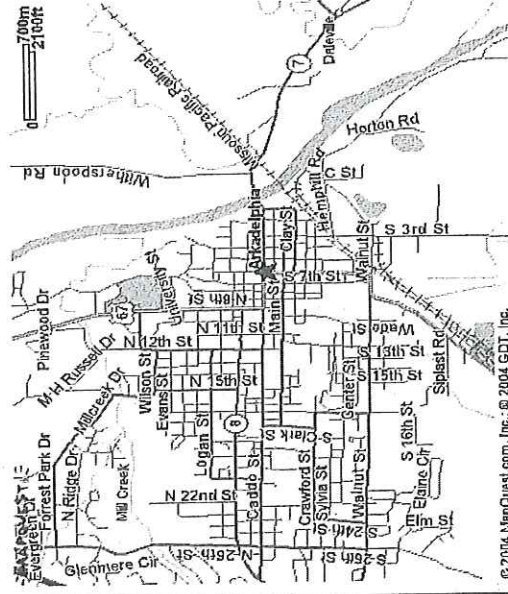
Saturday, Oct. 14, 2017

Collection Time

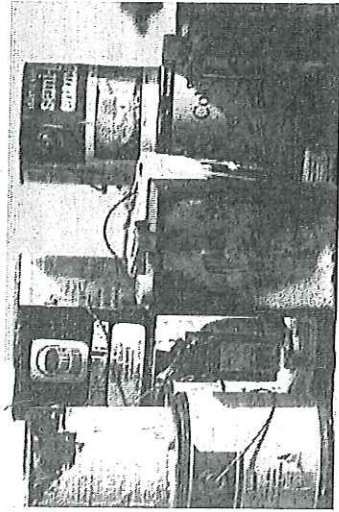
8:00 a.m.-12:00 p.m.

**in Arkadelphia
Clark County Fairgrounds**

**South on I-30 to Pine Street
East on Pine Street to
Hwy. 67 South.
Turn right to Fairgrounds.**



Printed on recycled paper.



Household Hazardous Waste Collection

ONE DAY ONLY

Saturday, Oct. 14, 2017

OFFERED BY:

**Southwest Central Regional Solid
Waste Management District**

Garland, Hot Spring &
Clark Counties

Household hazardous wastes are unused or leftover household products containing chemicals that are toxic, flammable, corrosive or reactive. These products should NOT be disposed of in household trash, poured down sinks, toilets, storm drains or just dumped on the ground. Left stored improperly at home, they can be a hazard to children and cause hazardous fumes or fires. *Check the list - do you have these items in your home?*

MATERIALS ACCEPTED DURING THIS COLLECTION

*Household Quantities Only -
NO COMMERCIAL*

• **AUTOMOTIVE**

Antifreeze, brake or transmission fluid, waxes and polish, cleaning compounds. Oil filters cannot be accepted. Used oil is accepted at many auto service centers.

• **PAINTS**

Oil-based, water/latex based, stains, shellacs, lacquer, varnish, preservatives, aerosol cans.

• **THINNERS, STRIPPERS, AND SOLVENTS**

Mineral spirits, paint thinners, turpentine, alcohol, other non-chlorinated solvents (check your container).

• **HOUSEHOLD PESTICIDES AND HERBICIDES**

Over-the-counter products only and pet care products. Must be in original containers.

• **WATER BASED CLEANERS**

All home cleaners for carpet, drains, metal, mildew, ovens, toilet and ammonia products.

• **OXIDIZERS**

Bleaches, Chlorox, peroxide, carbon tetra chloride.

• **COMPRESSED GAS CYLINDERS**

Outdated propane bottles, disposable and expired fuel tanks.

• **FLAMMABLE LIQUIDS**

Kerosene, Diesel fuel.

• **TIRES**

Passenger car tires

• **ELECTRONIC WASTE**

Monitors, CPU's (computers), keyboards, mouse, VCR's, DVD's, TV's (19" or smaller), electronic games, etc.

**TIRES AND ELECTRONIC WASTE ACCEPTED
AT THE GARLAND COUNTY
COLLECTION SITE ONLY**

MATERIAL ACCEPTANCE POLICY

- Products must be in original containers with labels attached.
- Unknown products will not be accepted.
- Explosive materials will not be accepted.

• **Lead acid batteries, autos, marine, golf carts, etc. will not be accepted.**

These can be recycled at most auto garages and recycling stations.

• **A FREE PAINT EXCHANGE AREA**

will be maintained where paint will be available for use. **FREE!**

SAFETY RULES

- To avoid spills, provide tight lids before transporting and place several containers in a corrugated box for stability in car trunk or truck bed.
- Keep household hazardous waste products away from children and pets.
- **Do not mix contents of unknown products together.**

FOR MORE INFORMATION CALL:

Hot Springs

501-321-6911

Arkadelphia

870-246-9864 • 870-246-1803

Printed on recycled paper

Southwest Central Regional Solid Waste Management District - Recycling Grant

Dear school official,

We have some exciting news about your school districts solid waste recycling efforts. This notice is being sent to all public school districts in Clark, Hot Spring and Garland Counties. These three counties make up the Southwest Central Regional Solid Waste Management District (SWCRSWMD). The District is pleased to offer three \$2,500 grants to the three schools that propose the best recycling program submittals. The proposals must be submitted by April 15, 2017, and will be judged by the District's Recycling Advisory Committee (DRAC, consisting of appointees of the three county judges and the mayors of the principal cities within the three counties).

The three schools with the best proposals will be notified of their awards after the May 17th District board meeting. A check for \$1,500 will be presented to the schools during the first week of August with the news media invited. Their recycling programs would then commence at the start of the 2017-2018 school year. If after one semester their new recycling program has been successfully implemented and is actively fulfilling the program's goals, a final \$1,000 check will be presented to the school, again with the news media invited.

The submittals for the grant will be judged based on five major emphases with their corresponding values: 1. Educational value - 35%, 2. Teacher, student and parent involvement - 25%, 3. Sustainability - 20%, 4. Goal orientation - 10%, 5. Originality - 10%.

It is hoped that this grant program will help our schools educate their students, faculty and community about the importance of the recycling of solid waste to our stewardship of our beautiful state's natural resources and to the reduction of solid waste by each resident.

* Required

School Information

1. First Name *

2. Last Name *

3. Email *

4. Phone (***) ***-**** *

5. School Name *

6. School Address *

7. Number of Students Enrolled *

Recycling Grant Program Information

8. What recyclables will be collected? How will they be collected? What will you do with them? *

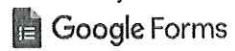
9. How many students will be/are involved in the program? What grade(s)? *

10. Who is responsible for running the program and training volunteers? Who are the active participants (students, custodians, parents, local businesses, community volunteers, etc.)? *

11. How will your program be developed or expanded? How will the program continue after the grant money is expended? *

12. Project timeline *

Powered by



Appendix F – SWCRSWMD Industrial Waste Generation Surveys

District Summary of Industrial Survey Forms

The report period requested is for materials received January 1 to December 31, 2017

Type of Industrial Waste	Annual Est. Volume in Tons	Material Disposition Landfill, Recycled, etc.	In-State Disposal Location	Out of State Disposal Location	Hauler of Material
MSW	15,400	Landfill	See Individual Survey	See Individual Survey	See Individual Survey
Liquid Waste	4.6	See Individual Survey	See Individual Survey	See Individual Survey	See Individual Survey
Sludge Waste	NA	See Individual Survey	See Individual Survey	See Individual Survey	See Individual Survey
Medical Waste	NA	Incinerated	See Individual Survey	See Individual Survey	See Individual Survey
Other	2,250	See Individual Survey	See Individual Survey	See Individual Survey	See Individual Survey

Provide a list of businesses surveyed.
See Attached List

What is the approximate annual cost of current waste transportation and disposal at facilities in the District?
\$510,576.82

If any, please explain any predicted changes in types or quantities of industrial non-hazardous waste in the foreseeable future?
NO

Do any industries in the District have a waste diversion or sustainability plan?
NO

If yes, please explain, include a copy, or provide access, if possible.

List any suggestions for State Regulations that area business see as beneficial if implemented or changed in the future?

Southwest Central RSWMD Industrial Survey Form – List of Contacts

1. Alcoa, Inc., Hot Springs Continuous Rolling Plant, 1333 Hwy. 270, Malvern, AR 72014
2. Alliance Rubber Company, 210 Carpenter Dam Road, Hot Springs, AR 71901
3. DLM, Inc., Div. of Systems, Inc., Hwy 270 E., Malvern, AR 72014
4. Flakeboard Company, Ltd., 1275 Willamette Road, Malvern, AR 72014
5. General Cable Corporation, 1392 Remmel Dam Road, Malvern, AR 72014
6. Georgia Pacific, Gurdon Wood Products Complex, 1 GP Lane, Hwy. 67N, Gurdon, AR 71743
7. Mountain Valley Spring Company, 283 Mountain Valley Water Place, Hot Springs, AR 71909
8. Munro & Company, Inc., 190 Elmwood Drive, Hot Springs, AR 71901
9. Pactiv Corporation, 1105 Industrial Lane, Malvern, AR 72014
10. Scroll Technologies, 1 Scroll Drive, Clark County Industrial Park, Arkadelphia, AR 71923
11. Stratcor, Inc., 4285 Malvern Road, Hot Springs, AR 71901
12. Triumph Fabrications, 1923 Central Avenue, Hot Springs, AR 71901
13. Window Mart, Inc., 5760 Albert Pike Road, Royal, AR 71968
14. Xpress Boats, 199 Extrusion Place, Hot Springs, AR 71901

Non-Hazardous Industrial Solid Waste Survey

Name of Business Trinity Precision Components Contact Person Rebecca Tracy
 Business Address 1923 Central Avenue Phone Number 801.622.4248
Hot Springs AR 71901
 Business SIC Code 336413 Number of Employees 355

The report period requested is for materials received January 1 to December 31, 2017

Type of Industrial Waste	Annual Est. Volume in Tons	Material Disposition Landfill, Recycled, etc.	In-State Disposal Location	Out of State Disposal Location	Hauler of Material
MSW	6,265	6,265	Garland Co. City of Hot Springs	—	Garland Co. City of Hot Springs
Liquid Waste	0				
Sludge Waste					
Medical Waste					
Other					

What is the approximate annual cost of current waste transportation and disposal at your facility? 13,951.82

If any, please explain any predicted changes in types or quantities of industrial non-hazardous waste in the foreseeable future?

Should stay the same.

Does your industry have a waste diversion or sustainability plan? no

If yes, please explain, include a copy, or provide access, if possible.

Do you have any suggestions for State Regulations that you see as beneficial if implemented or changed in the future?

Non-Hazardous Industrial Solid Waste Survey

Name of Business FLAKEBOARD America LLC Contact Person Eugene Jamison

Business Address 1275 Williamsite Rd Phone Number 501 - 332-7893

MAWHERN AR 72104

Business SIC Code 2493 Number of Employees 153

The report period requested is for materials received January 1 to December 31, 2017

Type of Industrial Waste	Annual Est. Volume in Tons	Material Disposition Landfill, Recycled, etc.	In-State Disposal Location	Out of State Disposal Location	Hauler of Material
MSW	1,135	LANDFILL			HSCSWA
Liquid Waste	4.6	Fuel Blending, Landfill			Rincop Trans
Sludge Waste	0	-			
Medical Waste	0	-			
Other HAZ	1.0	Fuel Blending			Rincop TRANS

What is the approximate annual cost of current waste transportation and disposal at your facility? \$21,625

If any, please explain any predicted changes in types or quantities of industrial non-hazardous waste in the foreseeable future?
NONE

Does your industry have a waste diversion or sustainability plan? NO

If yes, please explain, include a copy, or provide access, if possible.

Do you have any suggestions for State Regulations that you see as beneficial if implemented or changed in the future?

Non-Hazardous Industrial Solid Waste Survey

Name of Business

Georgia-Pacific - Gurdon Plywood + Lumber

Contact Person

Jeremy Bohlen

Business Address

No. 1 GP Lane, Gurdon, AR 71743 (870) 353-4474 x 535216

Phone Number

Business SIC Code

2430

Number of Employees

600

The report period requested is for materials received January 1 to December 31, 2017

Type of Industrial Waste	Annual Est. Volume in Tons	Material Disposition Landfill, Recycled, etc.	In-State Disposal		Out of State Disposal		Hauler of Material
			Location	Location	Location	Location	
MSW	8,000	Landfill	Upper SWRSWMD	N/A	N/A	N/A	Hines Trucking
Liquid Waste	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sludge Waste	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Medical Waste	0.01	Incineration	Clean Harbors, El Dab	N/A	N/A	N/A	USPS
Other							
Scrap Metal	1,250	Recycle	Tenenbaum Recycling	N/A	N/A	N/A	Tenenbaum Recycling

What is the approximate annual cost of current waste transportation and disposal at your facility?

\$475,000

If any, please explain any predicted changes in types or quantities of industrial non-hazardous waste in the foreseeable future?

None

Does your industry have a waste diversion or sustainability plan?

No

If yes, please explain, include a copy, or provide access, if possible.

N/A

Do you have any suggestions for State Regulations that you see as beneficial if implemented or changed in the future?

No

Appendix G – SWCRSWMD Solid Waste Management Facilities Surveys

Southwest Central RSWMD – Solid Waste Management Facilities

Compost Facility

City of Hot Springs, 318 Davidson Drive, Hot Springs

Landfills

Clark County Class 4 Landfill, 507 Round Hill Road, Arkadelphia

Garland County Class 4 Landfill, 1040 Cedar Glade Road, Hot Springs

Material Recovery Facility

Southwest Central RSWMD Recycling Center, 218 Runyon St., Hot Springs

Transfer Stations

City of Arkadelphia, 267 Hemphill Road, Arkadelphia

Garland County – Cedar Glade, 1040 Cedar Glade Road, Hot Springs

Garland County – 7N, 685 Hwy. 7N, Hot Springs

Garland County – 70W, 2634 Airport Road, Hot Springs

City of Hot Springs, 213 Services Lane, Hot Springs

Hot Spring County SWA – #1 Gifford Station, 20772 Hwy. 67N, Malvern

Hot Spring County SWA – #2 Social Hill Station, 267726 Hwy. 84, Malvern

Hot Spring County SWA – #3 Bismarck Station, 8871 Hwy. 84, Bismarck

Hot Spring County SWA – #4 Hwy. 9 Station, 8815 Hwy. 9, Malvern

Hot Spring County SWA – #5 Donaldson Station, 33594 Hwy. 67S, Donaldson

Hot Spring County SWA – #6 Jones Mill Station, 4811 Hwy. 270, Malvern

Hot Spring County SWA – #7 Caney Station, 6504 Hwy. 128, Donaldson

Hot Spring County SWA – #8 Point Cedar Station, 1882 CC Road, Bismarck

Hot Spring County SWA – #9 Friendship Station, 1180 Caney Road, Friendship

Hot Spring County SWA – #10 Satellite Station, 20782 Hwy. 67N, Malvern

District Summary of Landfill Survey Forms

List of Facilities	Remaining Airspace	
	Constructed	Permitted
Clark County	See Report	See Report
Garland County	See Report	See Report

The report period requested is for materials received January 1 to December 31, 2017

Type of Material	Annual In-District Volume in Tons	Out-of-District Volume in Tons	Out-of-State Volume in Tons
MSW (Res. & Comm.)	41,035.78		
Industrial			
C & D Waste	28,064.49		
Special Waste			
Liquid Waste			
Medical Waste			
Other			

Recovered Materials	Annual In-District Volume in Tons	Out-of-District Volume in Tons	Out-of-State Volume in Tons
Beneficial Use at Facility			
Recycled			
Totals			

Landfill Survey Form

Name of Owner Clark County Sanitation Contact Person _____

Physical Address 507 Roundhill Rd Permit Number 004484RI

Mailing address 1501 Hwy 675, Arkadelphia 71597

Phone Number 870-246-3067 (LE) Effective Date of Permit April 24, 2017

870-246-7602

Remaining Airspace as of 12-31- ¹⁷ 11	Constructed	Permitted
	<u>N/A</u>	<u>2020</u>

The report period requested is for materials received January 1 to December 31, 2017

Type of Material	Annual In-District Volume in Tons	Out-of-District Volume in Tons	Out-of-State Volume in Tons
MSW (Res. & Comm.)	<u>N/A</u>		
Industrial	<u>N/A</u>		
C & D Waste	<u>1635</u>		
Special Waste	<u>N/A</u>		
Liquid Waste	<u>N/A</u>		
Medical Waste	<u>N/A</u>		
Other	<u>N/A</u>		
Totals	<u>1635</u>	<u>0</u>	<u>0</u>

Recovered Materials	Annual In-District Volume in Tons	Out-of-District Volume in Tons	Out-of-State Volume in Tons
Beneficial Use at Facility			
Recycled			
Totals	<u>0</u>	<u>0</u>	<u>0</u>

ANNUAL ENGINEERING INSPECTION REPORT (AEIR) FORM

Reporting Year: 2017

Note: Check applicable landfill class. Class 1 (Reg 22.423(b)) , Class 3 (22.522(a)) , Class 4 (22.619(b)) **X**

Facility Name: Clark County Class 4 Landfill AFIN: 10-00062 Permit #: 0044-S4 Landfill Class: 4

Report Submittal Date: January 8, 2018 Date of Landfill Site Inspection by Certifying Engineer: 1/30/17, 3/24/17, 7/10/17, 9/7/17, 12/14/17

***Complete the form as indicated
Instructions are bolded and italicized.***

Item	Regulation Reference	Item Description	Report Information/Comments/Remarks	Attachment Reference
1	22.423(b)(1) 22.522(a)(1) 22.619(b)(1)	Remaining volume in current cell. Projected date of opening new cell.	a) 47.736 cubic yards (North Cell) 0 cubic yards (Inactive Class 4 area) 0 cubic yards (Active Class 4 area) b) Date: <u>4/2020</u>	A1
2	22.423(b)(2) 22.522(a)(2) 22.619(b)(2)	Remaining volume of all permitted units. Total air space used during the reporting period. Estimated remaining site life (years) based on utilization rate during the reporting period. <i>Note: Itemize current permitted unit/cell information - use attachment if necessary.</i>	a) 5.510 cubic yards (North Cell) 0 cubic yards (Inactive Class 4 area) 0 cubic yards (Active Class 4 area) b) 47.736 cubic yards (North Cell) 0 cubic yards (Inactive Class 4 area) 0 cubic yards (Active Class 4 area) c) Landfill Unit/Cell remaining life: Landfill unit/cell North Cell Class 4 area <u> </u> , <u>6</u> years Landfill unit/cell Inactive Class 4 area <u> </u> , <u>0</u> years. Landfill unit/cell Active Class 4 area <u> </u> , <u>0</u> years. Landfill unit/cell <u> </u> , <u> </u> years. d) Entire permitted landfill: <u>0</u> years remaining life.	
3	22.423(b)(3) 22.522(a)(3) 22.619(b)(3)	Documentation of fill progression in compliance with permit plans, specs and operating plan and narrative. <i>Note: Provide narrative regarding fill progression during the reporting period. Be specific about landfill unit/cell designations (example: Cell 1, Phase A completely filled; Cell 2, Phase A, 50% full, being filled south to north as of December 31). Specifically note any overfill conditions.</i>	a) Progression narrative: North Cell receiving waste and is approximately 10% full. 	A2

LANDFILL CLOSURE - COST ESTIMATE WORKSHEET CLARK COUNTY CLASS IV (2782-0105)

OWNER: CLARK COUNTY	PERMIT No.: 0044-S4-R1	AFIN No.: 10-00062
OPERATOR: CLARK COUNTY	ESTIMATOR: John W. Rogers (Ark. Licensed P.E. # 11260)	DATE: 1.8.18
TOTAL PERMITTED WASTE DISPOSAL ACRES: 25		
TOTAL PERMITTED ACRES CERTIFIED CLOSED: 0		
ACRES CURRENTLY OPEN: 23 (i.e., "open" means areas subject to regulation and have not been certified closed)		
LARGEST ACREAGE EVER REQUIRING FINAL COVER OVER ACTIVE LANDFILL LIFE: 25 (i.e., largest acreage ever open at any one time; NOTE: If approved Closure Plan does not include phased closure then largest area is the total permitted disposal acres)		

LANDFILL CLOSURE COST ESTIMATE WORKSHEET									
Permit: 0044-S4-R1 AFIN: 10-00062									
ITEM No.	ITEM	QUANTITY	UNITS	UNIT COST	COST	SUBTOTALS	SOURCE OF UNIT COST INFO		
1.0.0 PROFESSIONAL SERVICES									
1.1.0	Engineering (Design, Bid Documents, Procurement, Construction Contract Management)	1 Lump Sum		\$ 2,500.00	\$ 2,500.00		B&F ENGINEERING, STANDARD FEE SCHEDULE		
1.2.0	Topographic and Boundary Survey	1 Lump Sum		\$ 2,500.00	\$ 2,500.00		B&F ENGINEERING, STANDARD FEE SCHEDULE		
1.3.0	Engineering Services (Construction Oversight, Testing, Reporting, Certification)	1 Lump Sum		\$ 5,000.00	\$ 5,000.00		B&F ENGINEERING, STANDARD FEE SCHEDULE		
	Professional Services Subtotal					\$ 10,000.00			
2.0.0 FINAL COVER									
Low Permeability Soil Layer									
2.1.1	Preparation of landfill to receive cover (final grading)	23.0	ACRE	\$ 261.00	\$ 6,003.00		LOCAL BID DOCUMENTS FOR SIMILAR WORK		
2.1.2	Clay, On-Site (excavate, transport, place, compact) (Quantity must match earthwork balance and must be guaranteed for future availability)	55,660	CU. YD.	\$8.00	\$ 445,280.00		LOCAL BID DOCUMENTS FOR SIMILAR WORK		
2.1.3	Clay, Off-site (excavate, transport, place, compact) (Quantity must match earthwork balance)		CU. YD.	\$24.00	\$ -		LOCAL BID DOCUMENTS FOR SIMILAR WORK		
	Low Permeability Soil Layer Subtotal					\$ 451,283.00			
2.3.0 Protective Soil and Vegetative Layer									
2.3.1	Vegetative Soil (Topsoil), On-site (excavate, transport, place) (Quantity must match earthwork balance and must be guaranteed for future availability)	18,553	CU. YD.	\$4.50	\$ 83,488.50		LOCAL BID DOCUMENTS FOR SIMILAR WORK		
2.3.2	Vegetative Soil (Topsoil), Off-site (excavate, transport, place) (Quantity must match earthwork balance)		CU. YD.	\$19.50	\$ -		LOCAL BID DOCUMENTS FOR SIMILAR WORK		
2.3.3	Seeding, mulching, and fertilizing	23	ACRE	\$1,000.00	\$ 23,000.00		LOCAL BID DOCUMENTS FOR SIMILAR WORK		
	Protective Soil and Vegetative Layer Subtotal					\$ 106,488.50			
3.0.0 EROSION CONTROL									
3.1.0	Silt Fence, check dams, rip-rap, grass ditching	1 Lump Sum		\$2,000.00	\$ 2,000.00		LOCAL BID DOCUMENTS FOR SIMILAR WORK		
	Erosion Control Subtotal					\$ 2,000.00			
4.0.0 DEMOLITION/REMOVAL SITE IMPROVEMENTS									
4.1.0	Office/shop/maintenance and other ancillary buildings	1 Lump Sum		\$ 500.00	\$ 500.00		LOCAL BID DOCUMENTS FOR SIMILAR WORK		
4.2.0	Equipment to be decommissioned (e.g., weigh scales, bulking/solidification pits, collection pits/sumps, piping, etc...)	1 Lump Sum		\$ 200.00	\$ 200.00		LOCAL BID DOCUMENTS FOR SIMILAR WORK		
4.3.0	Site Utilities	1 Lump Sum		\$ 300.00	\$ 300.00		LOCAL BID DOCUMENTS FOR SIMILAR WORK		
	Demolition/Removal Site Improvements Subtotal					\$ 1,000.00			
	Total Closure Cost Subtotal					\$ 570,771.50			
5.0.0 MISCELLANEOUS									
5.1.0	10% Administration and Contingency (Total Closure Cost Subtotal x 10%)				\$ 57,077.15		LOCAL BID DOCUMENTS FOR SIMILAR WORK		
	Misc. Subtotal					\$ 57,077.15			
	TOTAL CURRENT CLOSURE COST					\$ 627,848.65			

LANDFILL POST CLOSURE CARE - ANNUAL COST ESTIMATE WORKSHEET CLARK COUNTY (2782-0105)

OWNER: CLARK COUNTY	PERMIT NO. 0044-S4-R1	AFIN: 10-00062
OPERATOR: CLARK COUNTY	ESTIMATOR: John W. Rogers (Ark. Licensed P.E. #: 11260)	
TOTAL PERMITTED WASTE DISPOSAL ACRES: 25	DATE: 1.8.2018	
TOTAL PERMITTED ACRES CERTIFIED CLOSED: 0		

LANDFILL POST CLOSURE CARE - ANNUAL COST ESTIMATE WORKSHEET										Permit: 0044-S4-R1		AFIN:: 10-00062	
ITEM No.	ITEM	QUANTITY	UNITS	UNIT COST	COST	SUBTOTALS	SOURCE OF UNIT COST INFO						
PROFESSIONAL SERVICES													
1.0.0	Engineering (Annual inspection and reporting, corrective action design and bid, contract management)	1	Lump Sum	\$ 2,500.00	\$ 2,500.00		B&F Engineering, Inc Standard Fee Schedule						
1.1.0	Topographic and Boundary Survey (annual, final, and corrective action, if required)	1	Lump Sum	\$ 2,500.00	\$ 2,500.00		B&F Engineering, Inc Standard Fee Schedule						
1.2.0	Corrective Action Engineering Services (Construction Oversight, Testing, Reporting, Certification)	1	Lump Sum	\$ 5,000.00	\$ 5,000.00		B&F Engineering, Inc Standard Fee Schedule						
1.3.0	Professional Services Annual Subtotal					\$ 10,000.00							
FINAL COVER ROUTINE MAINTENANCE													
2.0.0	Mowing/Trimming (23 acres twice per year)	23	ACRE	\$400.00	\$9,200.00		LOCAL BID DOCUMENTS FOR SIMILAR WORK						
2.2.0	Final Cover Routine Maintenance Annual Subtotal					\$9,200.00							
FINAL COVER REPAIRS (4 MAN CREW 5 DAYS/YEAR)													
3.0.0	(2) Laborers	5	day	\$925.60	\$4,628.00		LOCAL BID DOCUMENTS FOR SIMILAR WORK						
3.1.0	Dozer (200 HP)	5	day	\$1,525.70	\$7,628.50		LOCAL BID DOCUMENTS FOR SIMILAR WORK						
3.2.0	Dump Truck (12 yard)	5	day	\$1,120.00	\$5,600.00		LOCAL BID DOCUMENTS FOR SIMILAR WORK						
3.3.0	Final Cover Repairs Annual Subtotal					\$17,856.50							
SURFACE WATER MANAGEMENT OPERATION AND MAINTENANCE (O&M)													
4.0.0	Collection system operation and maintenance (ditches, piping conveyances, outfalls, sampling points repair/replace)	1	ANNUAL	\$ 1,000.00	\$ 1,000.00		LOCAL BID DOCUMENTS FOR SIMILAR WORK						
4.1.0	Stormwater storage (sediment pond) operation/repairs	1	ANNUAL	\$ 1,000.00	\$ 1,000.00		LOCAL BID DOCUMENTS FOR SIMILAR WORK						
4.2.0	Surface Water Management O&M Annual Subtotal					\$ 2,000.00							
	Total Post Closure Care Annual Cost Subtotal					\$29,056.50							
MISCELLANEOUS													
5.0.0	10% Administration (Total Closure Cost Subtotal x 10%)				\$ 2,905.65		LOCAL BID DOCUMENTS FOR SIMILAR WORK						
5.1.0	10% Contingency (Total Closure Cost Subtotal x 20%)				\$ 2,905.65		LOCAL BID DOCUMENTS FOR SIMILAR WORK						
5.2.0	Misc. Subtotal					\$ 5,811.30							
	TOTAL ESTIMATED ANNUAL POST CLOSURE CARE COST					\$ 34,867.80							
ESTIMATED 2 YEAR POST CLOSURE CARE PERIOD													
	2 x "Total Estimated Annual Post Closure Care Cost".					\$ 69,735.60							

4	22.423(b)(4) 22.522(a)(4) 22.619(b)(4)	Documentation of compliance with regulatory operating requirements, permit conditions, approved operating plan, and other applicable regulations. <i>Note: Review current operating plans, and permit conditions. Include photographs of engineer's inspection as Attachment A. Check for weekly/monthly operational logs, waste volume records in and out of landfill, unauthorized waste form sheets, waste cover maintenance, stormwater reports to ADEQ, and wet weather repair information.</i>	<p>a) Weekly/monthly operational logs exist (Y/N)? <u>Y</u></p> <p>b) Photos of AEIR inspection attached (Y/N)? <u>Y</u></p> <p>c) Waste volume in and out records exist (Y/N)? <u>Y</u></p> <p>d) Unauthorized waste forms exist (Y/N)? <u>Y</u></p> <p>e) Daily/weekly cover adequate at time of inspection (Y/N)? <u>Y</u></p> <p>f) Alternative Daily Cover (ADC) Plan located onsite (Y/N)? <u>N/A</u></p> <p>g) Operations in compliance with ADC Plan (Y/N)? <u>Y</u></p> <p>h) Liquid Waste Management (LWM) Plan located onsite (Y/N)? <u>N/A</u></p> <p>i) Operations in compliance with LWM Plan (Y/N)? <u>N/A</u></p> <p>j) Liquids received to be bulked during reporting period: <u>N/A</u> gallons <u>N/A</u> tons</p> <p>k) Waste cover of inactive areas maintained adequately (Y/N)? <u>Y</u></p> <p>l) Net amount of waste disposed in landfill during reporting period: <u>5,510</u> cubic yards <u>1,635</u> tons</p> <p>m) Leachate head level less than 1' on liner at time of inspection (Y/N)? <u>N/A</u></p>		
5	22.423(b)(5) 22.522(a)(5) 22.619(b)(5)	Updated contour map that depicts: <i>Note: Provide updated drawing(s) and final cover permit drawing as Attachment B – discuss any discrepancies. Max. contour interval = 2 feet</i>	<p>a) Updated contour drawing attached (Y/N)? <u>Y</u></p> <p>b) Final cover permit drawing attached (Y/N)? <u>N</u></p> <p>c) <i>List all discrepancies here:</i> An overfill condition exists in both the Active and Inactive cell. An Overfill Management Plan has been submitted to rectify the situation</p> <p>d) Is there an overfill condition (Y/N)? <u>Y</u></p>		A Final Cover Drawings in ADEQ Doc#8989 Doc#44064
		(i) horizontal and vertical extent of active and inactive fill areas;			
		(ii) status of all permitted units/cells; <i>(Note: Label all active (working face, bulking area, stockpiles), inactive, closed and interim cover areas).</i>	<p>a) Currently, does the facility have sufficient on-site quantities and types of soils for liner and cover construction of permitted units/cells (Y/N)? <u>Y</u></p> <p>b) If not, where will deficiency shortfalls be obtained (be specific)? <u>N/A</u></p> <p>c) Is the current Design Narrative earthwork balance accurate (Y/N)? <u>Y</u></p>		
		(iii) survey grid (required by 22.426); <i>Note: Include benchmarks and horizontal controls</i>			
		(iv) location of other visible surface features or improvements (e.g., roads, buildings, gas control systems, etc.); <i>Note: Include leachate risers, manholes, monitoring wells, gas wells, etc.</i>			
		(v) the person responsible for gathering the survey data and the date survey data was taken to prepare the map. <i>Reminder: Reporting period is calendar year. Survey data should be collected to reflect the AEIR reporting period.</i>	<p>a) Name: <u>John W. Rogers, P.E., B&F Engineering, Inc.</u></p> <p>b) Name of person using the data to produce contour map: <u>John W. Rogers, P.E.</u></p> <p>c) Date survey data was collected: <u>12/28/17</u></p>		

6	22.423(b)(6) 22.522(a)(6) 22.619(b)(6)	Quantity, location, and characteristics of leachate collected, recirculated, and disposed. <i>Note: Provide analytical report as Attachment C. Provide brief narrative on this form in space provided about leachate sources, how leachate is collected, measured and disposed. Also, explain how the leachate head on the landfill liner is monitored and measured.</i>	<p>a) Leachate Collected: <u>N/A</u> gallons</p> <p>b) Leachate Disposed: <u>N/A</u> gallons</p> <p>c) Leachate Recirculated: <u>N/A</u> gallons</p> <p>d) Leachate Recirculation Plan exists (Y/N)? <u>N/A</u></p> <p>e) ADEQ approval Doc # <u>N/A</u></p> <p>f) Leachate operating records exist (Y/N)? <u>N/A</u></p> <p>g) Leachate analytical report attached (Y/N)? <u>N/A</u></p> <p>h) Leachate narrative (collection, measurements and disposal): <u>N/A</u></p> <p>i) Leachate narrative (verifying <1' head on liner system): <u>N/A</u></p>
7	22.423(b)(7) 22.522(a)(7) 22.619(b)(7)	<p>Maintenance of stormwater controls and best management practices for erosion control.</p> <p><i>Note: List any upset conditions during the reporting period (i.e., washouts, etc...). Also, include narrative about vegetation maintenance and repair.</i></p>	<p>a) Briefly list maintenance activities and upset conditions here: General maintenance performed: _____</p>
8	22.423(b)(8) 22.619(b)(8)	<p>Status of capping and closure of completed areas.</p> <p><i>Note: List areas with acreage that have received interim or final cover. Include total landfilled area acreage not yet under final certified closed cover.</i></p> <p><i>Note: "Certified closed" means the facility has received an approval letter from ADEQ accepting the engineer's closure certification report.</i></p>	<p>a) Lndfl unit/cell <u>Inactive Class 4 Area</u>, <u>13</u> acres. Intrm or Final Cover (I/F): <u>I</u></p> <p>b) Lndfl unit/cell <u>North Cell Class 4 Area</u>, <u>0.5</u> acres. Intrm or Final Cover (I/F): <u>I</u></p> <p>c) Lndfl unit/cell <u>Active Class 4 Area</u>, <u>9.5</u> acres. Intrm or Final Cover (I/F): <u>I</u></p> <p>d) Lndfl unit/cell _____, _____ acres. Intrm or Final Cover (I/F): _____</p> <p>e) Acres of disposed waste not under final certified cover: <u>23</u> acres</p> <p>f) Acres of disposed waste area that have interim cover: <u>23</u> acres</p>
9	22.423(b)(9) 22.522(a)(8) 22.619(b)(9)	<p>Status of remedial or corrective action activities.</p> <p><i>Note: List corrective action events during reporting period (e.g., seeps and erosion correction, leachate spills, unauthorized waste handling and removal, etc...), and indicate whether action was taken in response to an ADEQ inspection.</i></p>	<p>a) Briefly list corrective actions events here: Continued maintenance to the existing BMPs was performed all year. Seeding and mulching is ongoing in an as needed basis.</p> <p>b) Were any of the corrective actions taken in response to an ADEQ inspection (Y/N)? <u>N</u></p> <p>c) Current status of corrective actions: <u>N/A</u></p> <p>d) Did corrective actions permanently solve the conditions (Y/N)? <u>N/A</u> <i>Explain briefly:</i> _____</p>

10	22.423(b)(10) 22.522(a)(9) 22.619(b)(10)	Updated Financial Assurance documentation as required by Chapter 14. <i>Note: Include copy of most recent financial assurance documentation as Attachment D. Also, include updated closure and post closure cost estimated as an attachment- recommend to use the Closure Costs and Post-closure Care Costs Worksheet located at ADEQ - Solid Waste - Technical Branch Home Page</i> <i>Specific links to the worksheets:</i> http://www.adeg.state.ar.us/solwaste/branch_technical/pdfs/closure_costs_worksheet.xlsx and http://www.adeg.state.ar.us/solwaste/branch_technical/pdfs/post_closure_care_costs_worksheet.xlsx . <i>Show detailed calculations of cost items in tabular format with specific item breakdowns. Also, show source of unit cost information and/or inflationary factor adjustments - use ADEQ factors where applicable. If updated unit cost information is used instead of inflationary factors, show the source of unit cost information. Confirm estimates are based on largest area ever requiring final cover.</i>	a) Size of the facility property under current permit? <u>25</u> acres b) Size of actual permitted disposal area? <u>25</u> acres c) What is the current total permitted disposal area that contains disposed waste but is not certified closed? <u>23</u> acres d) Updated closure cost estimate amount: \$ <u>627,848.65</u> e) Is the closure cost estimate based on the largest area ever requiring closure (Y/N)? <u>Y</u> f) Is the existing closure financial assurance adequate for acreage not yet certified closed (Y/N)? <u>Y</u> g) Updated post closure care cost estimate amount: \$ <u>69,735.60</u> h) Is the existing post closure care financial assurance adequate for all permitted areas (Y/N)? <u>Y</u> i) Is the financial assurance mechanism a trust fund (Y/N)? <u>N</u> j) Are the sources of information for updated unit cost line items shown on the cost estimate calculations (Y/N)? <u>Y</u> k) Do the unit cost items for soil cover material include actual third party cost of materials and labor (Y/N)? <u>Y</u>
11	22.423(b)(11) 22.522(a)(10) 22.619(b)(11)	Revised or updated facility Closure Plan in accordance with Chapter 13. <i>Note: Provide updated Closure Plan as Attachment E if facility obtained a permit modification during the reporting period that affects the closure and/or post closure care.</i> Other items that affect compliance. <i>Note: Include an ADEQ enforcement activity summary (solid waste, water, air, hazardous waste related) and, status of operating and permit fees. Also, include brief narrative concerning groundwater monitoring reports, landfill gas, leachate recirculation, alternate daily cover, etc...</i>	a) Was an updated Closure Plan required during this reporting period (Y/N)? <u>N</u> b) Is an updated Closure Plan attached herein (Y/N)? <u>N</u>
12	22.423(b)(12) 22.522(a)(11) 22.619(b)(12)	Other items that affect compliance. <i>Note: Include an ADEQ enforcement activity summary (solid waste, water, air, hazardous waste related) and, status of operating and permit fees. Also, include brief narrative concerning groundwater monitoring reports, landfill gas, leachate recirculation, alternate daily cover, etc...</i>	a) Are there current ADEQ enforcement actions (Y/N)? <u>N</u> b) Summary of enforcement actions: c) Are operating and permit fees payments up-to-date (Y/N)? <u>Y</u> If not explain: Additional Information: d) Does the facility monitor groundwater (Y/N)? <u>N</u> If so, is it detection monitoring or assessment monitoring?: <u>N/A</u> e) What is the groundwater analytical sampling frequency? <u>N/A</u> months f) Does the facility collect landfill gas (Y/N)? <u>N</u>

13		<p>g) Does the facility have a Gas Monitoring Plan (Y/N)? <u>N</u></p> <p>h) Does the facility have gas monitoring probes (Y/N)? <u>N</u></p> <p>i) Does the facility use an alternate daily cover (ADC) (Y/N)? <u>N</u></p> <p>If so, what type of ADC is used: _____</p> <p>If so, list document id# approving ADC: _____</p> <p>j) Does the facility have a Liquid Waste Management (LWM) Plan (Y/N)? <u>N</u></p> <p>If so, list document id# approving the LWM Plan: <u>N/A</u></p> <p>k) Date and document id # of currently approved Operating Plan and Narrative: Date: <u>4/15/11</u> Doc#: <u>59789</u></p> <p>l) Date and document id # for currently approved Closure/ Post Closure Plan: Date: <u>2/20/07</u> Doc#: <u>44064</u></p> <p>m) Date and document id # of currently approved Permit Drawings: Date: <u>2/20/07</u> Doc#: <u>44064, 8989</u></p> <p>n) Date and document id # of currently approved Design Narrative: Date: <u>2/20/07</u> Doc#: <u>44064</u></p> <p>o) Are weigh scales utilized at the landfill (Y/N)? <u>Y</u></p> <p>p) Does the final cap include a synthetic liner (Y/N)? <u>N</u></p> <p>q) Does the final cap include clay liner (Y/N)? <u>Y</u></p> <p>r) Total current permitted landfill volume: <u>47,736</u> cubic yards</p>
22.423(b) 22.522(a) 22.619(b)	<p>Certification of AEIR Report: "I have inspected the landfill site and have prepared this report to reflect operational compliance with permit conditions, permit plans, specifications, narrative, and all applicable regulations"</p>	<p>a) Arkansas Licensed Engineer:</p> <p>Sign: <u><i>John W. Rogers</i></u> Date: <u>1/8/18</u></p> <p>b) License Number: <u>11260</u></p> <p>c) <u>Attach seal here:</u></p> <div data-bbox="893 231 1242 577" data-label="Image"> </div>



12/14/17 Interim cover at North Cell (looking southerly)



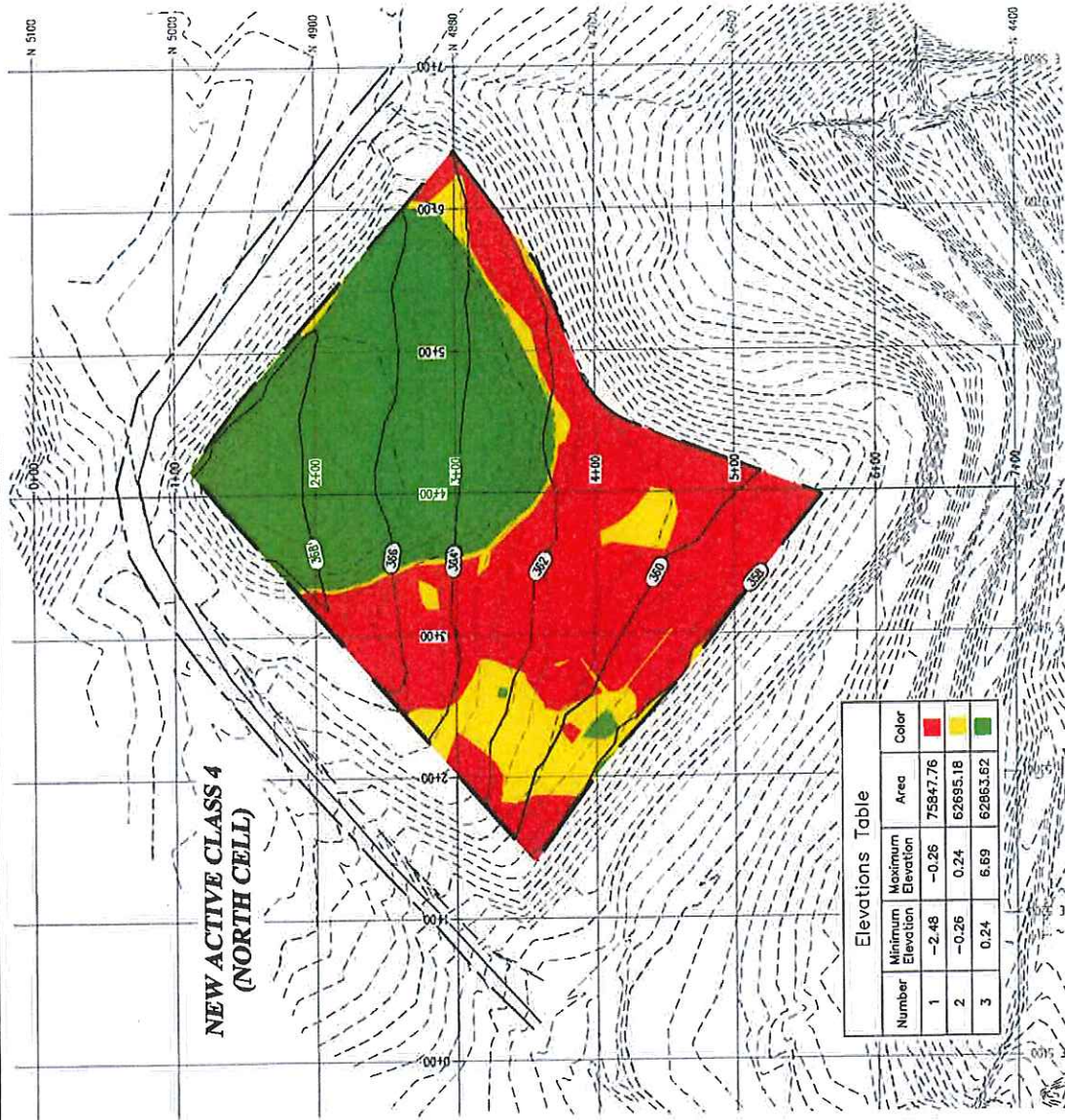
3/23/17 Bottom liner of North Cell



9/7/17 Formerly asbestos landfill looking easterly at inactive landfill and pond



7/10/17 North Cell looking northeast

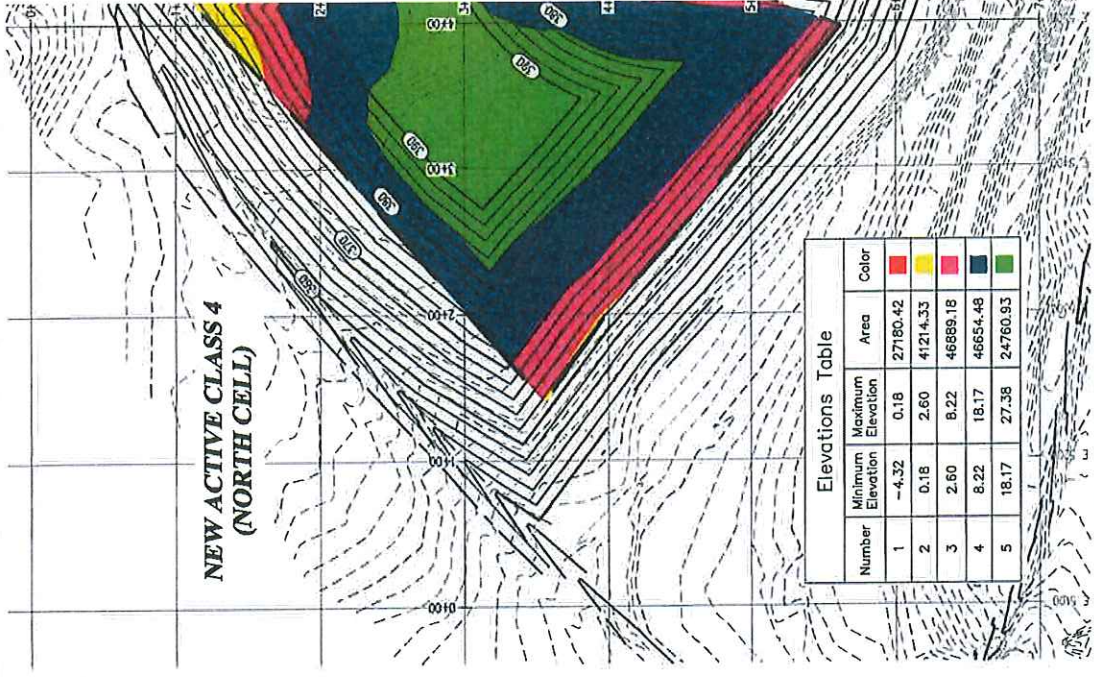


**NEW ACTIVE CLASS 4
(NORTH CELL)**

Elevations Table			
Number	Minimum Elevation	Maximum Elevation	Color
1	-2.48	75847.76	Red
2	-0.26	62695.18	Yellow
3	0.24	62863.62	Green

PERMITTED BOTTOM LINER CONTOURS - EXISTING 2017 CONTOURS

- LEGEND:**
- EXISTING 2017 INDEX CONTOUR
 - EXISTING 2017 INTERMEDIATE CONTOUR
 - PERMITTED BOTTOM LINER
 - PERMITTED INTERMEDIATE CONTOUR
 - EXISTING OPEN DITCH FLOW LINE
 - APPROXIMATE CENTER LINE OF EXISTING ROAD
 - PERMITTED LANDFILL BOUNDARY LINE
- VOLUME CALCULATIONS - ACTIVE CLASS 4 LANDFILL**
 FROM BASE 2017 SURFACE TO THE PERMITTED BOTTOM LINER
 CUT 1,370.48 CY4
 FILL 5,509.93 CY4
 NET 4,139.45 CY4 FILL



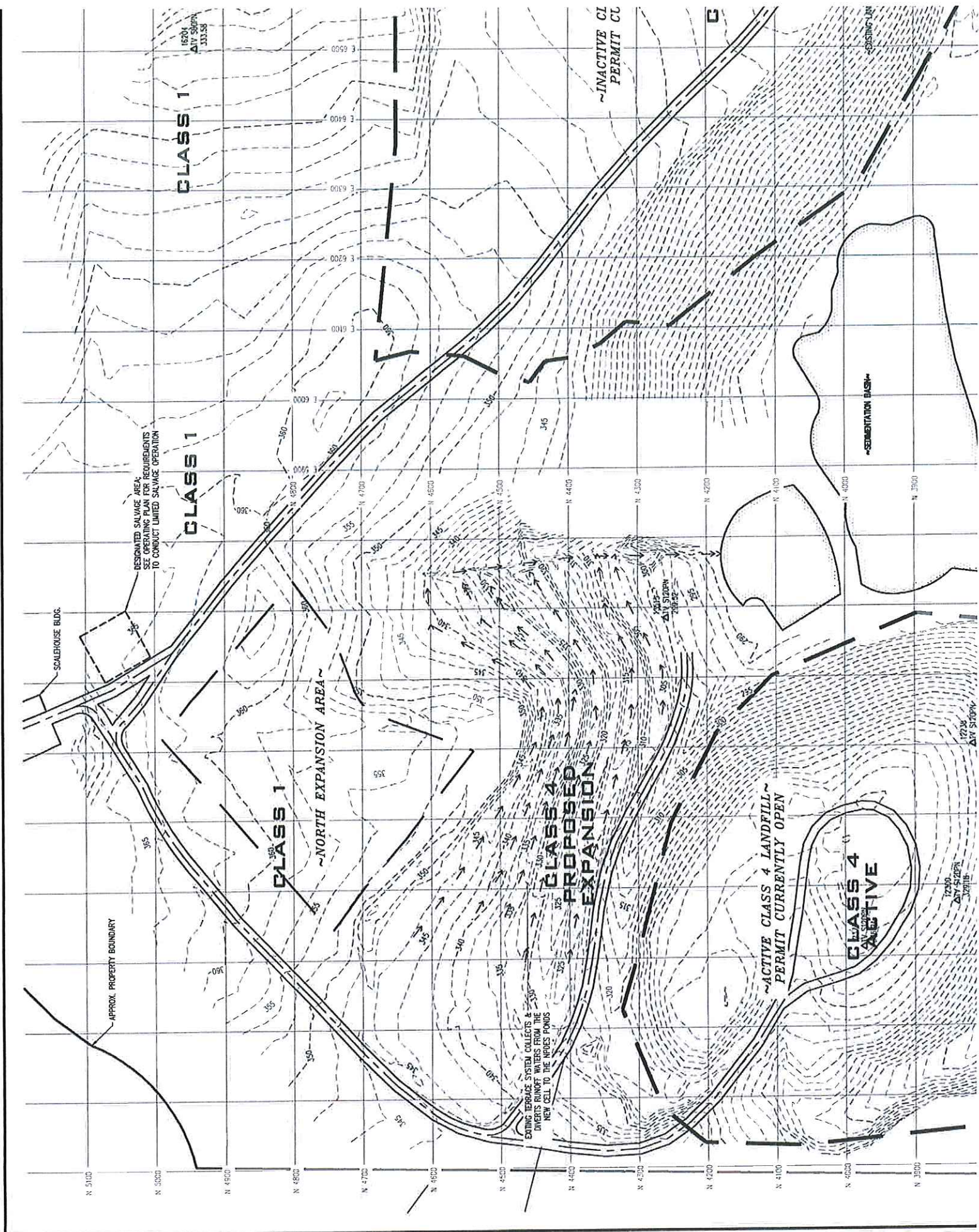
**NEW ACTIVE CLASS 4
(NORTH CELL)**

Elevations Table			
Number	Minimum Elevation	Maximum Elevation	Color
1	-4.32	0.18	Red
2	0.18	2.60	Yellow
3	2.60	8.22	Green
4	8.22	18.17	Blue
5	18.17	27.38	Dark Green

PERMITTED FINAL COVER CONTOURS - EXISTING 2017 CONTOURS

- LEGEND:**
- EXISTING 2017 INDEX CONTOUR
 - EXISTING 2017 INTERMEDIATE CONTOUR
 - PERMITTED FINAL COVER
 - PERMITTED INTERMEDIATE CONTOUR
 - EXISTING OPEN DITCH FLOW LINE
 - APPROXIMATE CENTER LINE OF EXISTING ROAD
 - PERMITTED LANDFILL BOUNDARY LINE
- VOLUME CALCULATIONS - ACTIVE CLASS 4 LANDFILL**
 FROM BASE 2017 SURFACE TO THE PERMITTED FINAL COVER
 CUT 111 CY4
 FILL 47,735.76 CY4
 NET 47,735.65 CY4 FILL







Transfer Station Survey Form

Name of Owner	Garland County	Contact Person	Rick Dais County Judge
Physical Address	1040 Cedar Glades Road	Permit Number	0300-S4
Phone Number	501-623-8243	Effective Date of Permit	

The report period requested is for materials received January 1 to December 31, 2017

Type of Material	Annual In-District Volume in Tons	Out-of-District Volume in Tons	Disposal Facility
MSW (Res. & Comm.)	41035.78		Two Pines landfill
Industrial			
C & D Waste	26,429.49		Garland County Landfill
Special Waste			
Liquid Waste			
Medical Waste			
Other			
Totals			

ANNUAL ENGINEERING INSPECTION REPORT (AEIR) FORM

Reporting Year: 2017

Note: Check applicable landfill class. Class 1 (Reg 22.423(b)) _____, Class 3 (22.522(a)) _____, Class 4 (22.619(b)) X

Facility Name: Cedar Glades Landfill AFIN: 26-00405 Permit #: 0300-S4 Landfill Class: 4

Report Submittal Date: January 18, 2018 Date of Landfill Site Inspection by Certifying Engineer: 1/10/17, 2/24/17, 5/16/17, 6/12/17, 12/28/17

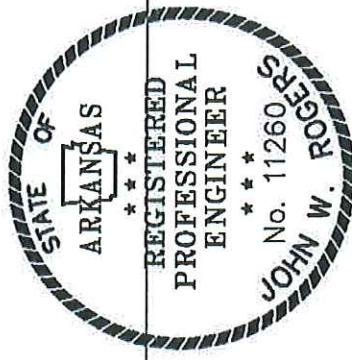
Complete the form as indicated
Instructions are bolded and italicized.

COLUMN TO BE COMPLETED BY REPORTER			Attachment Reference
Item	Regulation Reference	Item Description	Report Information/Comments/Remarks
1	22.423(b)(1)	Remaining volume in current cell.	a) 20,506 cubic yards
	22.522(a)(1) 22.619(b)(1)	(Phase 2, Cell 2) Projected date of opening new cell.	
2	22.423(b)(2)	Remaining volume of all permitted units.	a) 203,029 cubic yards
	22.522(a)(2)	Total air space used during the reporting period.	
	22.619(b)(2)	Estimated remaining site life (years) based on utilization rate during the reporting period. <i>Note: Itemize current permitted unit/cell information - use attachment if necessary.</i>	
3	22.423(b)(3)	Documentation of fill progression in compliance with permit plans, specs and operating plan and narrative. <i>Note: Provide narrative regarding fill progression during the reporting period. Be specific about landfill unit/cell designations (example: Cell 1, Phase A completely filled; Cell 2, Phase A, 50% full, being filled south to north as of December 31). Specifically note any overfill conditions.</i>	c) Landfill Unit/Cell remaining life: Landfill unit/cell Phase 2, Cell 2 _____, 0.2 years. Landfill unit/cell Phase 1, Cells 1-9: Phase 2 Cell 1, 2. years. d) Entire permitted landfill: 42 years remaining life.
	22.522(a)(3)		
	22.619(b)(3)		
4	22.423(b)(4)	Documentation of compliance with regulatory operating requirements, permit conditions, approved operating plan, and other applicable regulations.	a) Progression narrative: The waste stream disposal was in Phase 2 Cell 1 & Cell 2 for 2017. Fill progression will be from east to west across both Phase 1 and Phase 2 for 2018.
	22.522(a)(4)		
	22.619(b)(4)		
			a) Weekly/monthly operational logs exist (Y/N)? <u>Y</u> b) Photos of AEIR inspection attached (Y/N)? <u>Y</u> c) Waste volume in and out records exist (Y/N)? <u>Y</u>
			A

		Note: Review current operating plans, and permit conditions. Include photographs of engineer's inspection as Attachment A. Check for weekly/monthly operational logs, waste volume records in and out of landfill, unauthorized waste form sheets, waste cover maintenance, stormwater reports to ADEQ, and wet weather repair information.	<p>d) Unauthorized waste forms exist (Y/N)? <u>Y</u></p> <p>e) Daily/weekly cover adequate at time of inspection (Y/N)? <u>Y</u></p> <p>f) Alternative Daily Cover (ADC) Plan located onsite (Y/N)? <u>N</u></p> <p>Operations in compliance with ADC Plan (Y/N)? <u>Y</u></p> <p>g) Liquid Waste Management (LWM) Plan located onsite (Y/N)? <u>N/A</u></p> <p>Operations in compliance with LWM Plan (Y/N)? <u>N/A</u></p> <p>h) Liquids received to be bulked during reporting period:</p> <p><u>N/A</u> gallons <u>N/A</u> tons</p> <p>i) Waste cover of inactive areas maintained adequately (Y/N)? <u>Y</u></p> <p>j) Net amount of waste disposed in landfill during reporting period:</p> <p><u>102,888</u> cubic yards</p> <p>tons</p> <p>k) Leachate head level less than 1' on liner at time of inspection (Y/N)? <u>N/A</u></p>	Final Contours in ADEQ Doc# 12309
5	22.423(b)(5) 22.522(a)(5) 22.619(b)(5)	<p>Updated contour map that depicts:</p> <p>Note: Provide updated drawing(s) and final cover permit drawing as Attachment B – discuss any discrepancies. Max. contour interval = 2 feet</p>	<p>a) Updated contour drawing attached (Y/N)? <u>Y</u></p> <p>b) Final cover permit drawing attached (Y/N)? <u>N</u></p> <p>c) List all discrepancies here:</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>d) Is there an overfill condition (Y/N)? <u>N</u></p>	
		<p>(i) horizontal and vertical extent of active and inactive fill areas;</p> <p>(ii) status of all permitted units/cells;</p> <p>(Note: Label all active (working face, bulking area, stockpiles), inactive, closed and interim cover areas).</p> <p>(iii) survey grid (required by 22.426);</p> <p>Note: Include benchmarks and horizontal controls</p> <p>(iv) location of other visible surface features or improvements (e.g., roads, buildings, gas control systems, etc.);</p> <p>Note: Include leachate risers, manholes, monitoring wells, gas wells, etc.</p> <p>(v) the person responsible for gathering the survey data and the date survey data was taken to prepare the map. Reminder: Reporting period is calendar year. Survey data should be collected to reflect the AEIR reporting period.</p>	<p>a) Currently, does the facility have sufficient on-site quantities and types of soils for liner and cover construction of permitted units/cells (Y/N)? <u>N</u></p> <p>b) If not, where will deficiency shortfalls be obtained (be specific)?</p> <p><u>Qualifying material is supplied through bidding process</u></p> <p>c) Is the current Design Narrative earthwork balance accurate (Y/N)? <u>Y</u></p>	
			<p>a) Name: <u>John W. Rogers, P.E., B&F Engineering, Inc.</u></p> <p>b) Name of person using the data to produce contour map: <u>John W. Rogers, P.E.</u></p> <p>c) Date survey data was collected: <u>12/28/17</u></p>	

10	22.423(b)(10) 22.522(a)(9) 22.619(b)(10)	<p>Updated Financial Assurance documentation as required by Chapter 14.</p> <p><i>Note: Include copy of most recent financial assurance documentation as Attachment D. Also, include updated closure and post closure cost estimated as an attachment— recommend to use the Closure Costs and Post-closure Care Costs Worksheet located at ADEQ - Solid Waste - Technical Branch Home Page</i></p> <p><i>Specific links to the worksheets:</i> http://www.aadeq.state.ar.us/solwaste/branch_technical/pdfs/closure_costs_worksheet.xlsx and http://www.aadeq.state.ar.us/solwaste/branch_technical/pdfs/post_closure_care_costs_worksheet.xlsx. - Show detailed calculations of cost items in tabular format with specific item breakdowns. Also, show source of unit cost information and/or inflationary factor adjustments – use ADEQ factors where applicable. If updated unit cost information is used instead of inflationary factors, show the source of unit cost information. Confirm estimates are based on largest area ever requiring final cover.</p>	<p>a) Size of the facility property under current permit? <u>355</u> acres</p> <p>b) Size of actual permitted disposal area? <u>61</u> acres</p> <p>c) What is the current total permitted disposal area that contains disposed waste but is not certified closed? <u>16</u> acres</p> <p>d) Updated closure cost estimate amount: \$ <u>441,750.65</u></p> <p>e) Is the closure cost estimate based on the largest area ever requiring closure (Y/N)? <u>Y</u></p> <p>f) Is the existing closure financial assurance adequate for acreage not yet certified closed (Y/N)? <u>Y</u></p> <p>g) Updated post closure care cost estimate amount: \$ <u>62,433.36</u></p> <p>h) Is the existing post closure care financial assurance adequate for all permitted areas (Y/N)? <u>Y</u></p> <p>i) Is the financial assurance mechanism a trust fund (Y/N)? <u>N</u></p> <p>j) Are the sources of information for updated unit cost line items shown on the cost estimate calculations (Y/N)? <u>Y</u></p> <p>k) Do the unit cost items for soil cover material include actual third party cost of materials and labor (Y/N)? <u>Y</u></p>
11	22.423(b)(11) 22.522(a)(10) 22.619(b)(11)	<p>Revised or updated facility Closure Plan in accordance with Chapter 13.</p> <p><i>Note: Provide updated Closure Plan as Attachment E if facility obtained a permit modification during the reporting period that affects the closure and/or post closure care.</i></p>	<p>a) Was an updated Closure Plan required during this reporting period (Y/N)? <u>N</u></p> <p>b) Is an updated Closure Plan attached herein (Y/N)? <u>N</u></p>
12	22.423(b)(12) 22.522(a)(11) 22.619(b)(12)	<p>Other items that affect compliance.</p> <p><i>Note: Include an ADEQ enforcement activity summary (solid waste, water, air, hazardous waste related) and, status of operating and permit fees.</i></p> <p><i>Also, include brief narrative concerning groundwater monitoring reports, landfill gas, leachate recirculation, alternate daily cover, etc...</i></p>	<p>a) Are there current ADEQ enforcement actions (Y/N)? <u>N</u></p> <p>b) Summary of enforcement actions: <u>N/A</u></p> <p>c) Are operating and permit fees payments up-to-date (Y/N)? <u>Y</u></p> <p>If not explain: <u></u> <u></u></p> <p>Additional Information: <p>d) Does the facility monitor groundwater (Y/N)? <u>N</u></p> <p>If so, is it detection monitoring or assessment monitoring? <u>N/A</u></p> <p>e) What is the groundwater analytical sampling frequency? <u>N/A</u> months</p> <p>f) Does the facility collect landfill gas (Y/N)? <u>N</u></p> </p>

13	22.423(b) 22.522(a) 22.619(b)	Certification of AEIR Report: "I have inspected the landfill site and have prepared this report to reflect operational compliance with permit conditions, permit plans, specifications, narrative, and all applicable regulations"	<p>g) Does the facility have a Gas Monitoring Plan (Y/N)? <u>N</u></p> <p>h) Does the facility have gas monitoring probes (Y/N)? <u>N</u></p> <p>i) Does the facility use an alternate daily cover (ADC) (Y/N)? <u>N</u> If so, what type of ADC is used: <u>N/A</u></p> <p>j) Does the facility have a Liquid Waste Management (LWM) Plan (Y/N)? <u>N</u> If so, list document id# approving ADC: <u>N/A</u></p> <p>k) Date and document id # of currently approved Operating Plan and Narrative: Date: <u>3/28/11</u> Doc#: <u>59667</u></p> <p>l) Date and document id # for currently approved Closure/ Post Closure Plan: Date: <u>9/5/12</u> Doc#: <u>63039</u></p> <p>m) Date and document id # of currently approved Permit Drawings: Date: <u>10/17/00</u> Doc#: <u>11987</u></p> <p>n) Date and document id # of currently approved Design Narrative: Date: <u>10/17/00</u> Doc#: <u>11987</u></p> <p>o) Are weigh scales utilized at the landfill (Y/N)? <u>Y</u></p> <p>p) Does the final cap include a synthetic liner (Y/N)? <u>N</u></p> <p>q) Does the final cap include clay liner (Y/N)? <u>Y</u></p> <p>r) Total current permitted landfill volume: <u>4,661,816</u> cubic yards</p>	<p>a) Arkansas Licensed Engineer:</p> <p>Sign: <u>John Rogers</u> Date: <u>1/18/18</u></p> <p>b) License Number: <u>11260</u></p> <p>c) <i>Attach seal here:</i></p>
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LANDFILL CLOSURE - COST ESTIMATE WORKSHEET CEDAR GLADES CLASS IV (2852-1019)

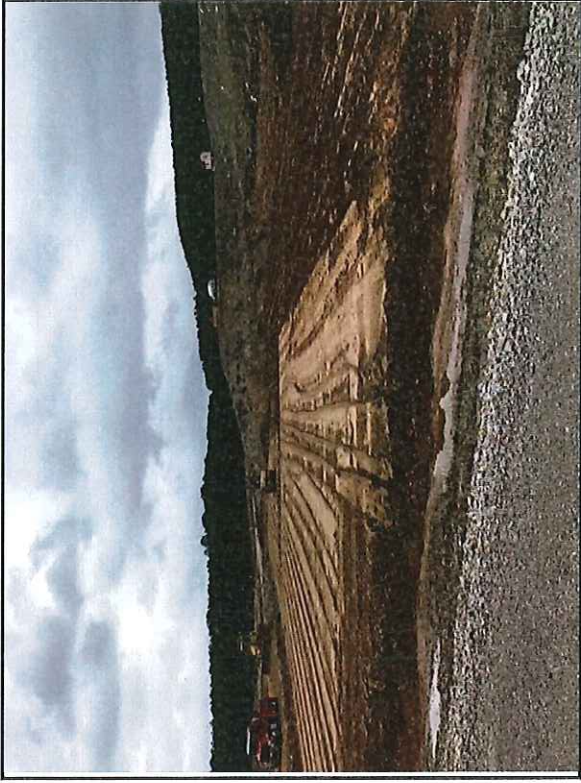
OWNER: GARLAND COUNTY	PERMIT No.: 0300-S4	AFIN No.: 26-00405
OPERATOR: GARLAND COUNTY	ESTIMATOR: John W. Rogers [Ark. Licensed P.E. # 11260]	DATE: 1/10/2018
TOTAL PERMITTED WASTE DISPOSAL ACRES: 61		
TOTAL PERMITTED ACRES CERTIFIED CLOSED: 0		
ACRES CURRENTLY OPEN: 16.0 (i.e., "open" means areas subject to regulation and have not been certified closed)		
LARGEST ACREAGE EVER REQUIRING FINAL COVER OVER ACTIVE LANDFILL LIFE: 25.1 (i.e., largest acreage ever open at any one time; NOTE: if approved Closure Plan does not include phased closure then largest area is the total permitted disposal acres)		

LANDFILL CLOSURE COST ESTIMATE WORKSHEET										Permit: 0300-S4		AFIN: 26-00405	
ITEM No.	ITEM	QUANTITY	UNITS	UNIT COST	COST	SUBTOTALS	SOURCE OF UNIT COST INFO						
1.0.0 PROFESSIONAL SERVICES													
1.1.0	Engineering (Design, Bid Documents, Procurement, Construction Contract Management)	1	Lump Sum	\$ 2,250.00	\$ 2,250.00		B&F ENGINEERING, STANDARD FEE SCHEDULE						
1.2.0	Topographic and Boundary Survey	1	Lump Sum	\$ 2,250.00	\$ 2,250.00		B&F ENGINEERING, STANDARD FEE SCHEDULE						
1.3.0	Engineering Services (Construction Oversight, Testing, Reporting, Certification)	1	Lump Sum	\$ 5,250.00	\$ 5,250.00		B&F ENGINEERING, STANDARD FEE SCHEDULE						
Professional Services Subtotal						\$ 9,750.00							
2.0.0 FINAL COVER													
2.1.0 Low Permeability Soil Layer													
2.1.1	Preparation of landfill to receive cover (final grading)	16.0	ACRE	\$ 275.00	\$ 4,400.00		LOCAL BID DOCUMENTS FOR SIMILAR WORK						
2.1.2	Clay, On-Site (excavate, transport, place, compact) (Quantity must match earthwork balance and must be guaranteed for future availability)	38,720	CU. YD.	\$ 8.00	\$ 309,760.00		LOCAL BID DOCUMENTS FOR SIMILAR WORK						
2.1.3	Clay, Off-site (excavate, transport, place, compact) (Quantity must match earthwork balance)		CU. YD.	\$ 24.00	\$ -		LOCAL BID DOCUMENTS FOR SIMILAR WORK						
Low Permeability Soil Layer Subtotal						\$ 314,160.00							
2.3.0 Protective Soil and Vegetative Layer													
2.3.1	Vegetative Soil (Topsoil), On-site (excavate, transport, place) (Quantity must match earthwork balance and must be guaranteed for future availability)	12,907	CU. YD.	\$ 4.50	\$ 58,081.50		LOCAL BID DOCUMENTS FOR SIMILAR WORK						
2.3.2	Vegetative Soil (Topsoil), Off-site (excavate, transport, place) (Quantity must match earthwork balance)		CU. YD.	\$ 19.50	\$ -		LOCAL BID DOCUMENTS FOR SIMILAR WORK						
2.3.3	Seeding, mulching, and fertilizing	16	ACRE	\$ 1,000.00	\$ 16,000.00		LOCAL BID DOCUMENTS FOR SIMILAR WORK						
Protective Soil and Vegetative Layer Subtotal						\$ 74,081.50							
3.0.0 EROSION CONTROL													
3.1.0	Silt Fence, check dams, rip-rap, grass ditching	1	Lump Sum	\$ 2,500.00	\$ 2,500.00		LOCAL BID DOCUMENTS FOR SIMILAR WORK						
Erosion Control Subtotal						\$ 2,500.00							
4.0.0 DEMOLITION/REMOVAL SITE IMPROVEMENTS													
4.1.0	Office/shop/maintenance and other ancillary buildings	1	Lump Sum	\$ 550.00	\$ 550.00		LOCAL BID DOCUMENTS FOR SIMILAR WORK						
4.2.0	Equipment to be decommissioned (e.g., weigh scales, bulking/solidification pits, collection pits/sumps, piping, etc...)	1	Lump Sum	\$ 250.00	\$ 250.00		LOCAL BID DOCUMENTS FOR SIMILAR WORK						
4.3.0	Site Utilities	1	Lump Sum	\$ 300.00	\$ 300.00		LOCAL BID DOCUMENTS FOR SIMILAR WORK						
Demolition/Removal Site Improvements Subtotal						\$ 1,100.00							
Total Closure Cost Subtotal						\$ 401,591.50							
5.0.0 MISCELLANEOUS													
5.1.0	10% Administration and Contingency (Total Closure Cost Subtotal x 10%)				\$ 40,159.15		LOCAL BID DOCUMENTS FOR SIMILAR WORK						
Misc. Subtotal						\$ 40,159.15							
TOTAL CURRENT CLOSURE COST						\$ 441,750.65							

LANDFILL POST CLOSURE CARE - ANNUAL COST ESTIMATE WORKSHEET CEDAR GLADES CLASS IV (2852-1019)

OWNER: GARLAND COUNTY	PERMIT NO. 0300-S4	AFIN: 26-00405
OPERATOR: GARLAND COUNTY	ESTIMATOR: John W. Rogers (Ark. Licensed P.E. #: 11260)	DATE: 1/10/18
TOTAL PERMITTED WASTE DISPOSAL ACRES: 16		
TOTAL PERMITTED ACRES CERTIFIED CLOSED: 0		

LANDFILL POST CLOSURE CARE - ANNUAL COST ESTIMATE WORKSHEET							Permit: 0300-S4	AFIN: 26-00405
ITEM No.	ITEM	QUANTITY	UNITS	UNIT COST	COST	SUBTOTALS	SOURCE OF UNIT COST INFO	
1.0.0	PROFESSIONAL SERVICES							
1.1.0	Engineering (Annual inspection and reporting, corrective action design and bid, contract management)	1	Lump Sum	\$ 2,250.00	\$ 2,250.00		B&F Engineering, Inc Standard Fee Schedule	
1.2.0	Topographic and Boundary Survey (annual, final, and corrective action, if required)	1	Lump Sum	\$ 2,250.00	\$ 2,250.00		B&F Engineering, Inc Standard Fee Schedule	
1.3.0	Corrective Action Engineering Services (Construction Oversight, Testing, Reporting, Certification)	1	Lump Sum	\$ 5,250.00	\$ 5,250.00		B&F Engineering, Inc Standard Fee Schedule	
	Professional Services Annual Subtotal					\$ 9,750.00		
2.0.0	FINAL COVER ROUTINE MAINTENANCE							
2.2.0	Mowing/Trimming (16 acres twice per year)	32	ACRE	\$400.00	\$12,800.00		LOCAL BID DOCUMENTS FOR SIMILAR WORK	
	Final Cover Routine Maintenance Annual Subtotal					\$12,800.00		
3.0.0	FINAL COVER REPAIRS (4 MAN CREW 3 DAYS/YEAR)							
3.1.0	(2) Laborers	3	day	\$925.60	\$2,776.80		LOCAL BID DOCUMENTS FOR SIMILAR WORK	
3.3.0	Dozer (200 HP)	3	day	\$1,525.70	\$4,577.10		LOCAL BID DOCUMENTS FOR SIMILAR WORK	
3.4.0	Dump Truck (12 yard)	3	day	\$1,120.00	\$3,360.00		LOCAL BID DOCUMENTS FOR SIMILAR WORK	
	Final Cover Repairs Annual Subtotal					\$10,713.90		
4.0.0	SURFACE WATER MANAGEMENT OPERATION AND MAINTENANCE (O&M)							
4.1.0	Collection system operation and maintenance (ditches, piping conveyances, outfalls, sampling points repair/replace)	1	ANNUAL	\$ 1,250.00	\$ 1,250.00		LOCAL BID DOCUMENTS FOR SIMILAR WORK	
4.2.0	Stormwater storage (sediment pond) operation/repairs	1	ANNUAL	\$ 1,250.00	\$ 1,250.00		LOCAL BID DOCUMENTS FOR SIMILAR WORK	
	Surface Water Management O&M Annual Subtotal					\$ 2,500.00		
5.0.0	MISCELLANEOUS							
5.1.0	10% Administration (Total Closure Cost Subtotal x 10%)				\$ 2,601.39		LOCAL BID DOCUMENTS FOR SIMILAR WORK	
5.2.0	10% Contingency (Total Closure Cost Subtotal x 20%)				\$ 2,601.39		LOCAL BID DOCUMENTS FOR SIMILAR WORK	
	Misc. Subtotal					\$ 5,202.78		
	TOTAL ESTIMATED ANNUAL POST CLOSURE CARE COST					\$ 31,216.68		
	ESTIMATED 2 YEAR POST CLOSURE CARE PERIOD					\$ 62,433.36		



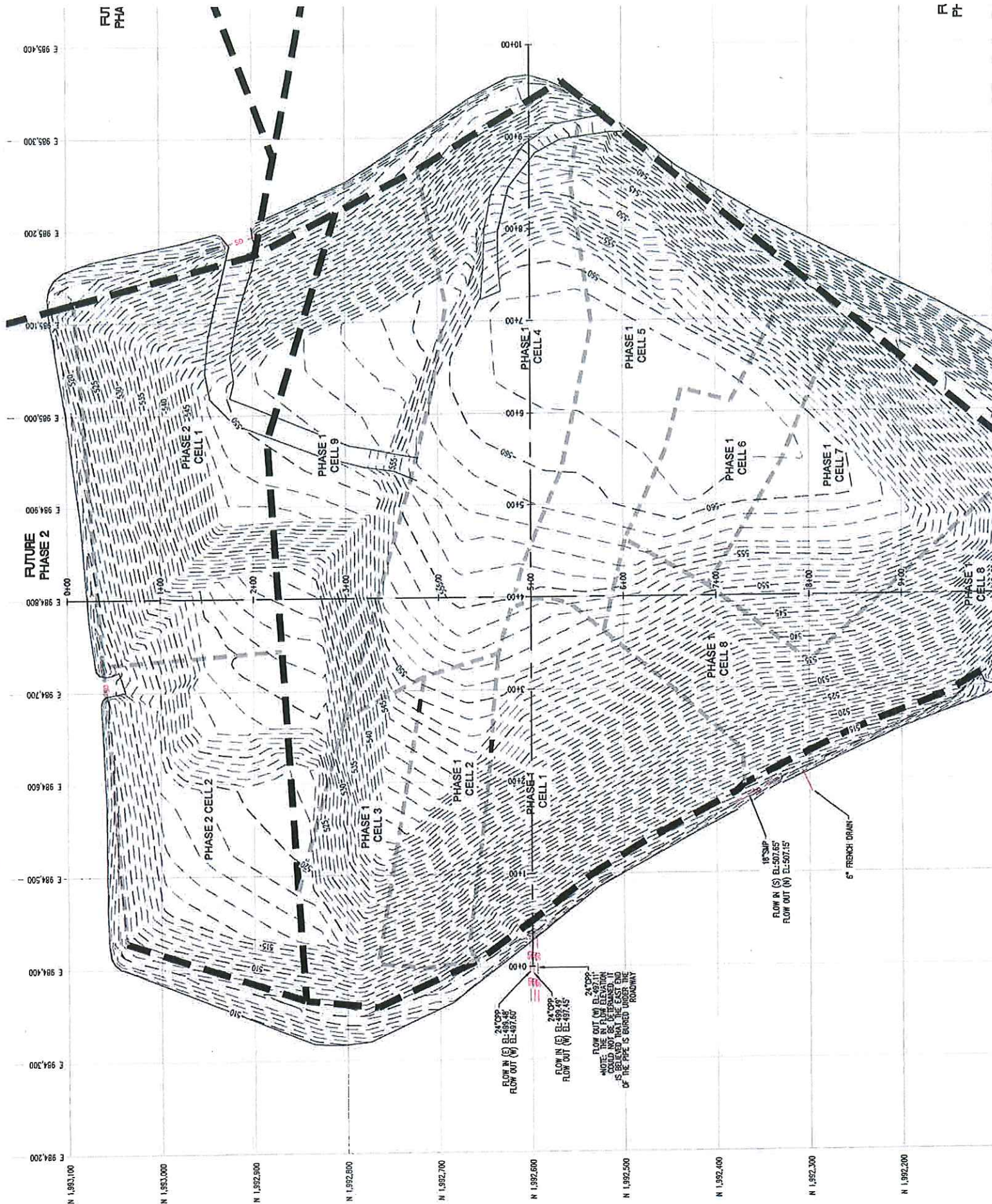
1/10/2017



6/12/2017

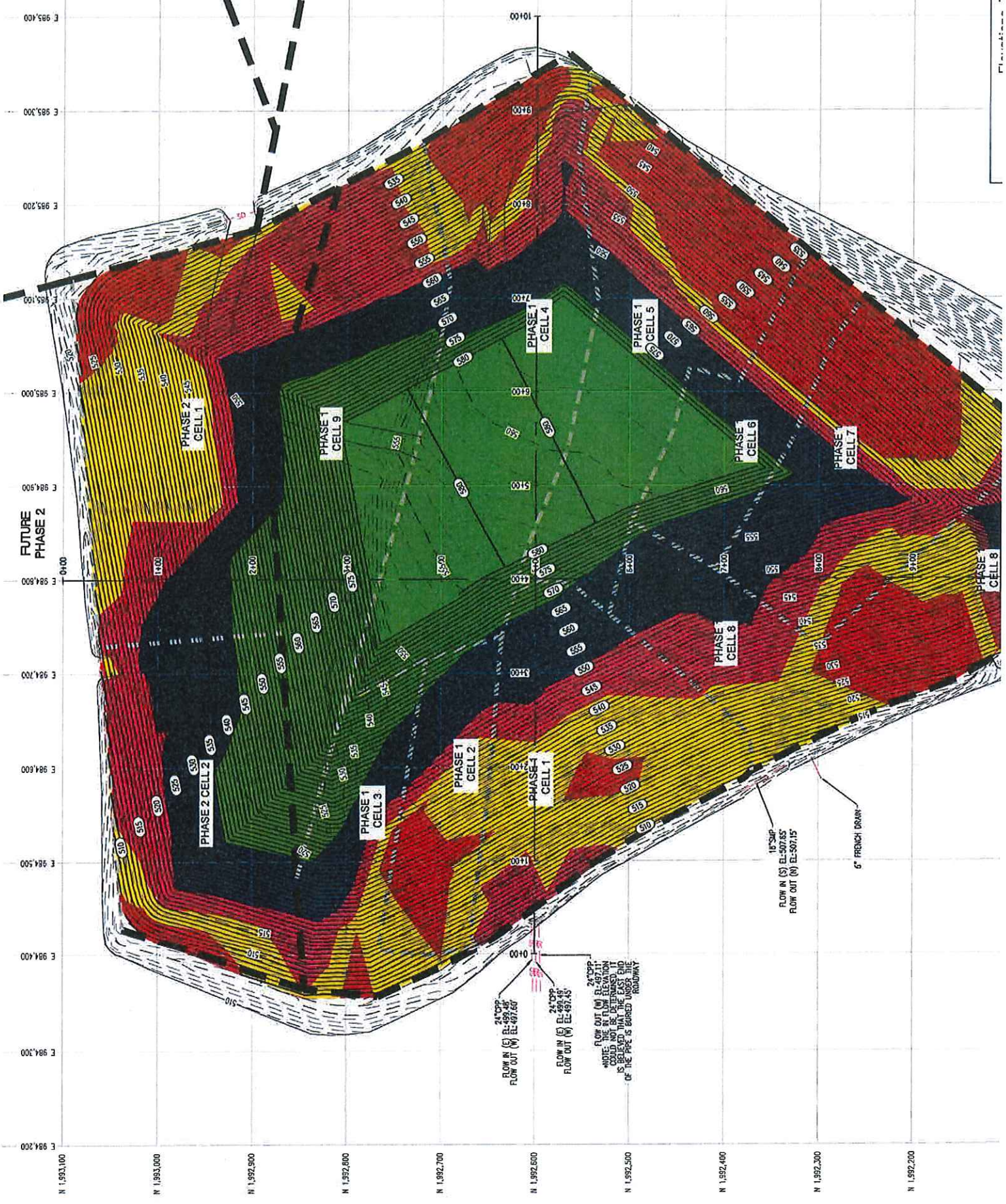


2/7/2017



PH

PH



24" TOP
FLOW IN (S) EL: 499.48
FLOW OUT (N) EL: 497.60

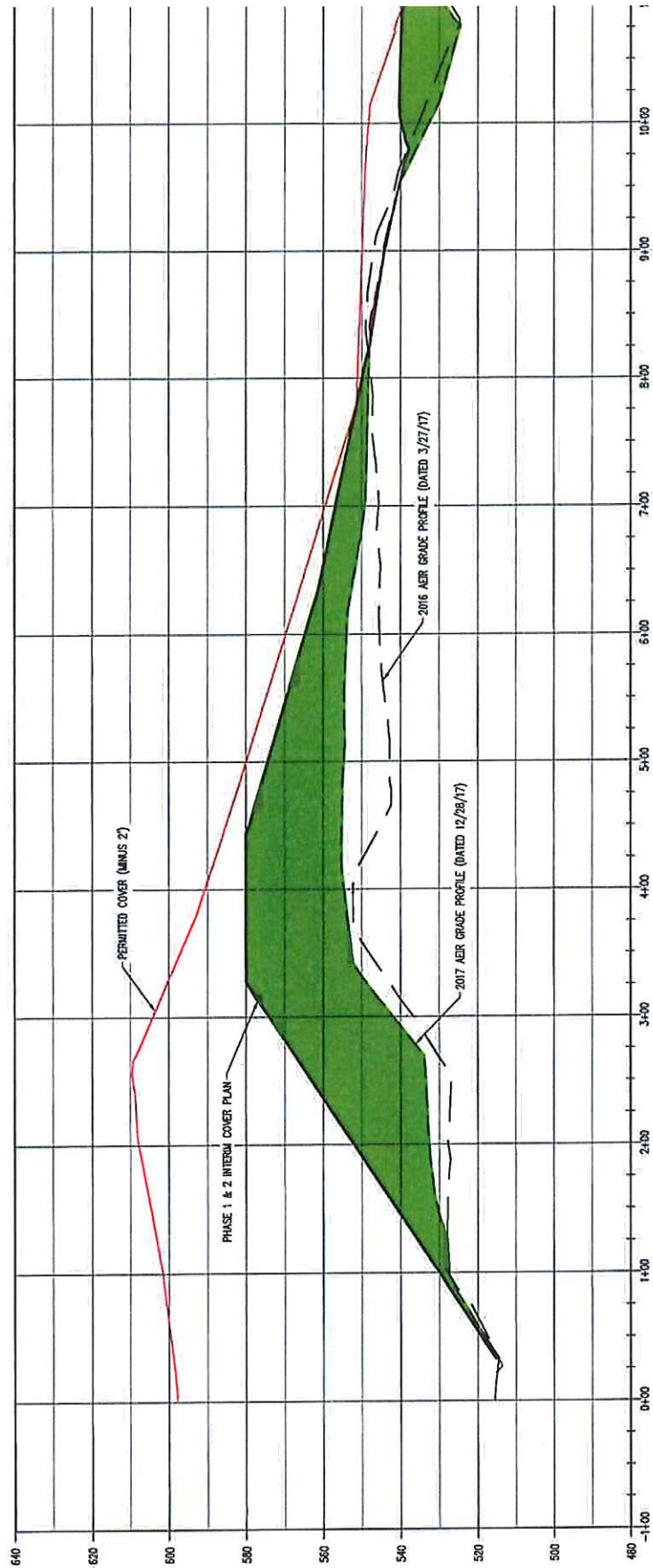
24" TOP
FLOW IN (S) EL: 499.45
FLOW OUT (N) EL: 497.45

24" TOP
FLOW OUT (N) EL: 497.45

*NOTE: THE IN FLOW ELEVATION COULD NOT BE DETERMINED IT IS BELIEVED THAT THE LAST END OF THE PIPE IS BORED UNDER ROADWAY

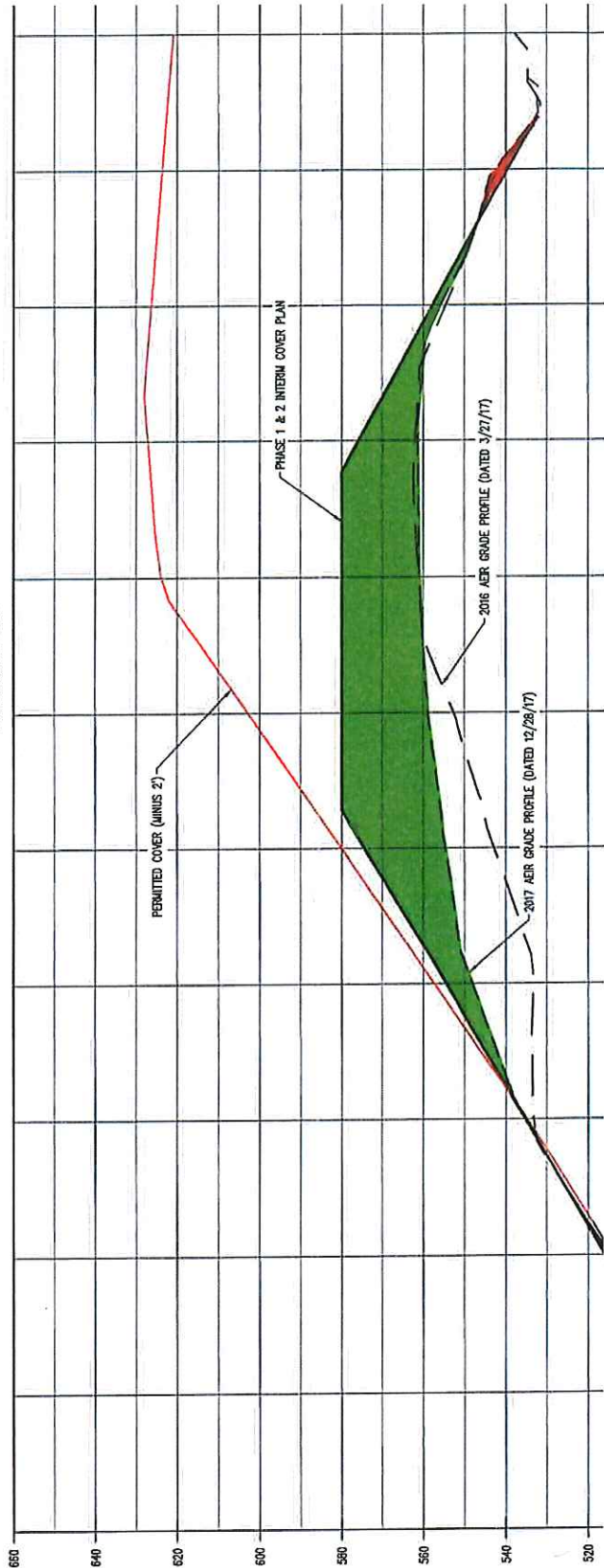
18" S&P
FLOW IN (S) EL: 507.85
FLOW OUT (N) EL: 507.15

6" FRENCH DRAIN



E 984.800 PROFILE

HORIZONTAL SCALE 1" = 60'
VERTICAL SCALE 1" = 20'



District Summary of Material Recovery Facility Survey Forms

The report period requested is for materials received January 1 to December 31, 2017

Type of Material	Annual Tons	Annual Cubic			Hauler Name
		Annual Pounds	Yards	Annual Gallons	
Batteries	1				
Electronic Waste	84				
Glass	165				
HHW	48				
Metals	10				
Cardboard	2627				
Paper	409				
Plastics	11				
Textiles	NA				
Rubber/Tires	56				
Wood Waste	896				
Yard Waste	609				
Oil	NA				
Other: List Below					
Totals					

List of Facilities:

City of Hot Springs

Garland County

Duplicate or alter this form, if more space is needed or if more than one hauler delivers same type of material.

CITY of Hot Springs

Material Recovery Facility Survey Form

Randy Atkinson

Southwest Central Recycling Center

Name of Facility

Contact Person

218 Rayson St.

501-321-6961

Physical Address

Phone Number

The report period requested is for materials received January 1 to December 31, 2017

Type of Material	Annual Tons	Annual Pounds	Annual Cubic Yards	Annual Gallons	Hauler Name
Batteries	1				CITY of Hot Springs
Electronic Waste	84				" " "
Glass	165				" " "
HHW	48				Rineco
Metals	10				CITY of H.S.
Cardboard	2328				" " "
Paper	398				" " "
Plastics	11				ORE
Textiles	N/A				
Rubber/Tires	56				DAVIS Rubber
Wood Waste	896				CITY of Hot Springs
Yard Waste	609				" " "
Oil	N/A				
Other: List Below					
Totals	4,606				

Duplicate or alter this form, if more space is needed or if more than one hauler delivers same type of material.

Garland Co.

Material Recovery Facility Survey Form

South West Central Recycling Center

Name of Facility

Contact Person

218 Ryan

506-331-6961

Physical Address

Phone Number

The report period requested is for materials received January 1 to December 31, 2017

Type of Material	Annual Tons	Annual Pounds	Annual Cubic Yards	Annual Gallons	Hauler Name
Batteries					
Electronic Waste					
Glass					
HHW					
Metals					
Cardboard	299				Garland Co.
Paper	11				Garland Co.
Plastics					
Textiles					
Rubber/Tires					
Wood Waste					
Yard Waste					
Oil					
Other: List Below					
Totals	310				

Duplicate or alter this form, if more space is needed or if more than one hauler delivers same type of material.

Southwest Central RSWMD – Solid Waste Transfer Stations

Transfer Stations

City of Arkadelphia, 267 Hemphill Road, Arkadelphia

Garland County – Cedar Glade, 1040 Cedar Glade Road, Hot Springs

Garland County – 7N, 685 Hwy. 7N, Hot Springs

Garland County – 70W, 2634 Airport Road, Hot Springs

City of Hot Springs, 213 Services Lane, Hot Springs

Hot Spring County SWA – #1 Gifford Station, 20772 Hwy. 67N, Malvern

Hot Spring County SWA – #2 Social Hill Station, 267726 Hwy. 84, Malvern

Hot Spring County SWA – #3 Bismarck Station, 8871 Hwy. 84, Bismarck

Hot Spring County SWA – #4 Hwy. 9 Station, 8815 Hwy. 9, Malvern

Hot Spring County SWA – #5 Donaldson Station, 33594 Hwy. 67S, Donaldson

Hot Spring County SWA – #6 Jones Mill Station, 4811 Hwy. 270, Malvern

Hot Spring County SWA – #7 Caney Station, 6504 Hwy. 128, Donaldson

Hot Spring County SWA – #8 Point Cedar Station, 1882 CC Road, Bismarck

Hot Spring County SWA – #9 Friendship Station, 1180 Caney Road, Friendship

Hot Spring County SWA – #10 Satellite Station, 20782 Hwy. 67N, Malvern

District Summary of Transfer Station Survey Forms

List of Facilities: See Attached List


The report period requested is for materials received January 1 to December 31, 2017

Type of Material	Annual In-District Volume in Tons	Out-of-District Volume in Tons	Disposal Facility
MSW (Res. & Comm.)	28,815.38	42151	See Individual Survey
Industrial			
C & D Waste	2020		See Individual Survey
Special Waste			
Liquid Waste			
Medical Waste			
Other	See Individual Surveys		See Individual Survey
Totals	30,835.38	42151	

Transfer Station Survey Form

Name of Owner	Contact Person
CITY OF ARKADELPHIA	AARON BOPP, SANITATION DIRECTOR
Physical Address	Permit Number
267 HEMPHILL ARKADELPHIA, AR 71923	0078 = STS WC
Phone Number	Effective Date of Permit
810-246-1803	MAY 13, 2010
The report period requested is for materials received January 1 to December 31, 2017	

Type of Material	Annual In-District Volume in Tons	Out-of-District Volume in Tons	Disposal Facility
MSW (Res. & Comm.)	11,104.50	0	WASTE MANAGEMENT JEFFERSON COUNTY
Industrial	N/A	N/A	
C & D Waste	N/A	N/A	
Special Waste	N/A	N/A	
Liquid Waste	N/A	N/A	
Medical Waste	N/A	N/A	
HOUSEHOLD LARGE ITEM Other CLASS IV	180.73	N/A	CLARK COUNTY CLASS IV
Totals	11,285.23		

 1.22.B

Transfer Station Survey Form

City of Hot Springs
Name of Owner

Randy Atkinson
Contact Person

218 Runyon St.

Physical Address

Permit Number

501-327-6911

Phone Number

Effective Date of Permit

The report period requested is for materials received January 1 to December 31, 2017

Type of Material	Annual In-District Volume in Tons	Out-of-District Volume in Tons	Disposal Facility
MSW (Res. & Comm.)	—	42,151	Two Pines
Industrial	N/A		
C & D Waste	2020		Garland Co. Landfill
Special Waste	N/A		
Liquid Waste	N/A		
Medical Waste	N/A		
Other			
Totals	2020	42,151	



Hot Spring County Solid Waste Authority

FAX COVER SHEET

DATE: 2/9/2018

TO: _____

FROM: Kris WilsonCOMPANY: West Central ArkCOMPANY: HSC Solid Waste AuthorityFAX: 501-525-7677FAX: 501-332-4630

PHONE: _____

PHONE: 501-332-3857# PAGES INCLUDING COVER: 13E-MAIL: hscswa@att.netRE: TRANSFER STATION Survey form

MEMO:

WE HAVE 10 TRANSFER STATIONS -
9 HAVE WASTE THAT TRANSFERS TO THE
SATELLITE STATION AND THE CONTAINERS
ARE LOADED DIRECTLY INTO 48' TRAILERS
BY WAY OF A LARGE COMPACTOR. FROM
THAT THE WASTE IS HAULED DIRECT TO
THE LANDFILL -

FEEL FREE TO CALL ME IF YOU
NEED ANY MORE INFO -

THANKS.Kris

Transfer Station Survey Form

Name of Owner HOT SPRING COUNTY Contact Person KRIS WILSON
SOLID WASTE AUTHORITY
FRED W. SMITH SATELLITE STATION
 Physical Address 20782 Hwy 67N Permit Number 0111-ST-SD
MAVERICK, AR 72604
 Phone Number 501-332-3857 Effective Date of Permit _____

The report period requested is for materials received January 1 to December 31, 2017

Type of Material	Annual In-District Volume in Tons	Out-of-District Volume In Tons	Disposal Facility
MSW (Res. & Comm.)	9963.25	N/A	WASTE MANAGEMENT LANDFILL TWO PINE
Industrial	N/A	N/A	
C & D Waste	N/A	N/A	
Special Waste	N/A	N/A	
Liquid Waste	N/A	N/A	
Medical Waste	N/A	N/A	
Other	N/A	N/A	
Totals			

Transfer Station Survey Form

Name of Owner HOT SPRING COUNTY Contact Person KRIS WILSON
SOLID WASTE AUTHORITY
GILFORD TRANSFER STATION
Physical Address 20772 Hwy 67N Permit Number 061-86-T8W
MAVERICK, AR
Phone Number 501-332-3857 Effective Date of Permit

The report period requested is for materials received January 1 to December 31, 2017

Type of Material	Annual In-District Volume in Tons	Out-of-District Volume In Tons	Disposal Facility
MSW (Res. & Comm.)	2034.25	N/A	HSCSWA SATELLITE STATION
Industrial	N/A	N/A	
C & D Waste	N/A	N/A	
Special Waste	N/A	N/A	
Liquid Waste	N/A	N/A	
Medical Waste	N/A	N/A	
Other	N/A	N/A	
Totals			

Transfer Station Survey Form

Name of Owner HOT SPRINGS COUNTY Contact Person KRIS WILSON
SOLID WASTE AUTHORITY
SOCIAL HILL TRANSFER STATION
Physical Address 26726 Hwy 84 Permit Number 012-86-TSN
MAURZEN, AR 72104
Phone Number 501-332-3857 Effective Date of Permit

The report period requested is for materials received January 1 to December 31, 2017

Type of Material	Annual In-District Volume In Tons	Out-of-District Volume in Tons	Disposal Facility
MSW (Res. & Comm.)	553.15	N/A	HSCSWA SATELLITE STATION
Industrial	N/A	N/A	
C & D Waste	N/A	N/A	
Special Waste	N/A	N/A	
Liquid Waste	N/A	N/A	
Medical Waste	N/A	N/A	
Other	N/A	N/A	
Totals			

Transfer Station Survey Form

Name of Owner HOT SPRING COUNTY Contact Person KRIS WILSON
SOLID WASTE AUTHORITY
POINT CROSS TRANSFER STATION
Physical Address 1882 CL ROAD Permit Number 068-96-TSW
BROMADELL AR 71929
Phone Number 501-332-3857 Effective Date of Permit _____

The report period requested is for materials received January 1 to December 31, 2017

Type of Material	Annual In-District Volume in Tons	Out-of-District Volume in Tons	Disposal Facility
MSW (Res. & Comm.)	45065	N/A	HSCSWA SATZELLITZ STATION
Industrial	N/A	N/A	
C & D Waste	N/A	N/A	
Special Waste	N/A	N/A	
Liquid Waste	N/A	N/A	
Medical Waste	N/A	N/A	
Other	N/A	N/A	
Totals:			

Transfer Station Survey Form

Name of Owner HOT SPRING COUNTY Contact Person KRIS WILSON
SOLID WASTE AUTHORITY
FRIENDSHIP TRANSFER STATION
Physical Address 1180 CANEY RD Permit Number 069-36-TSW
FRIENDSHIP, AR 71942
Phone Number 501-332-3857 Effective Date of Permit

The report period requested is for materials received January 1 to December 31, 2017

Type of Material	Annual In-District Volume in Tons	Out-of-District Volume in Tons	Disposal Facility
MSW (Res. & Comm.)	409.79	N/A	HSCSWA SATELLITE STATION
Industrial	N/A	N/A	
C & D Waste	N/A	N/A	
Special Waste	N/A	N/A	
Liquid Waste	N/A	N/A	
Medical Waste	N/A	N/A	
Other	N/A	N/A	
Totals			

Transfer Station Survey Form

Name of Owner HOT SPRING COUNTY Contact Person KRIS WILSON
SOLID WASTE AUTHORITY
CANBY TRANSFER STATION
Physical Address 6540 Hwy 128 Permit Number 067-86-152
DONALDSON, AR 71941
Phone Number 501-332-3857 Effective Date of Permit

The report period requested is for materials received January 1 to December 31, 2017

Type of Material	Annual In-District	Out-of-District Volume	Disposal Facility
	Volume in Tons	In Tons	
MSW (Res. & Comm.)	407.97	N/A	HSCSWA SATELLITE STATION
Industrial	N/A	N/A	
C & D Waste	N/A	N/A	
Special Waste	N/A	N/A	
Liquid Waste	N/A	N/A	
Medical Waste	N/A	N/A	
Other	N/A	N/A	
Totals			

Transfer Station Survey Form

Name of Owner	HOT SPRING COUNTY	Contact Person	KRIS WILSON
SOLID WASTE AUTHORITY			
BIRMINGHAM TRANSFER STATION			
Physical Address	8871 Hwy 7	Permit Number	063-S6-TSW
BIRMINGHAM, AL 35295			
Phone Number	501-332-3857	Effective Date of Permit	

The report period requested is for materials received January 1 to December 31, 2017

Type of Material	Annual In-District Volume in Tons	Out-of-District Volume In Tons	Disposal Facility
MSW (Res. & Comm.)	1566.58	N/A	HSCSWA SATELLITE STATION
Industrial	N/A	N/A	
C & D Waste	N/A	N/A	
Special Waste	N/A	N/A	
Liquid Waste	N/A	N/A	
Medical Waste	N/A	N/A	
Other	N/A	N/A	
Totals			

Transfer Station Survey Form

Name of Owner HOT SPRING COUNTY Contact Person KRIS WILSON
SOLID WASTE AUTHORITY
Highway 9 TRANSFER STATION
Physical Address 8815 Hwy 9 Permit Number 064-86-TSN
MARZEN, AR 72104
Phone Number 501-332-3857 Effective Date of Permit

The report period requested is for materials received January 1 to December 31, 2017

Type of Material	Annual In-District Volume In Tons	Out-of-District Volume In Tons	Disposal Facility
MSW (Res. & Comm.)	461.80	N/A	HSCSWA SATELLITE STATION
Industrial	N/A	N/A	
C & D Waste	N/A	N/A	
Special Waste	N/A	N/A	
Liquid Waste	N/A	N/A	
Medical Waste	N/A	N/A	
Other	N/A	N/A	
Totals			

Transfer Station Survey Form

Name of Owner	HOT SPRING COUNTY	Contact Person	KRIS WILSON
SOLID WASTE AUTHORITY			
DOWALPSON TRANSFER STATION			
Physical Address	33594 Hwy 67S	Permit Number	06-5-56-TSN
DOWALPSON, AR 71941			
Phone Number	501-332-3857	Effective Date of Permit	

The report period requested is for materials received January 1 to December 31, 2017

[illegible]

Transfer Station Survey Form

Name of Owner	HOT SPRINGS COUNTY	Contact Person	KRIS WILSON
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SOLID WASTE AUTHORITY

JONES MILL TRANSFER STATION

Physical Address 4811 Hwy 270 Permit Number 066-SG-T822

MAVZEN, AR 72104

Phone Number 501-332-3857 Effective Date of Permit _____

The report period requested is for materials received January 1 to December 31, 2017

[illegible]

**TOTAL TONNAGE PER COMPACTOR STATION
DECEMBER 2017**

STATION	OPEN TOPS	COMPACTORS	TONS	YTD
BISMARCK	3	12	101.67	1566.58
CANEY	2	3	27.79	407.97
DONALDSON	2	5	46.06	620.28
FRIENDSHIP	1	4	24.74	409.79
GIFFORD	17	13	160.69	2034.25
HWY 9	1	4	28.40	461.80
JONES MILL	7	10	101.96	1243.16
POINT CEDAR	1	5	42.13	450.65
SOCIAL HILL	2	5	55.35	553.15
BOY SCOUT	0	0	0.00	0.00
ADC	1	5	42.72	444.18
INDUSTRIAL PARK	0	0	0.00	1279.27
OUACHITA SCHOOL	2	0	3.87	54.64
FAIRGROUNDS	0	0	0.00	3.93
JAYBIRD	0	0	0.00	11.46
FLAKEBOARD	12	1	121.53	774.70
COUNTY TRASH	0	0	0.00	30.44
TRASH BASH	0	0	0.00	1.83
BRICKFEST	0	0	0.00	2.95
COMMERCIAL HAULERS	71	0	73.73	1332.52
E-CENTER	0	0	0.00	0.90
PRIMELINE	1	0	4.03	3505.59
GENERAL CABLE	1	0	4.50	82.12
CITY OF MALVERN	6	0	5.69	108.93
SATELLITE STATION			708.36	9963.25
SATELLITE STATION			-708.36	-9963.25
	130	67	844.86	15381.09
	197			

PRODUCT	WEIGHT	TONS/LBS	X	RATE	=	TOTAL
CARDBOARD						
Revenue	47.73	tons	X	\$ 195.00	=	\$ 9,307.35
Tipping	47.73	tons	X	\$ 55.00	=	\$ 2,625.15
Diversion						\$ 11,932.50
NEWSPAPERS						
Revenue	1.73	tons	X	\$ 160.00	=	\$ 259.50
Tipping	1.73	tons	X	\$ 55.00	=	\$ 95.16
Diversion						\$ 354.65
METAL - TRG						
Revenue	46.44	tons	X	\$ 110.00	=	\$ 5,108.40
Tipping	46.44	tons	X	\$ 55.00	=	\$ 2,554.20
Diversion						\$ 7,662.60
COPPER WIRE - TRG						
Revenue	0.00	lbs	X	\$ 0.32	=	\$ -
Tipping	0.00	lbs	X	\$ 0.03	=	\$ -
Diversion						\$ -
ALUMINUM CANS - TRG						
Revenue	1620.00	lbs	X	\$ 0.45	=	\$ 729.00
Tipping	1620.00	lbs	X	\$ 0.03	=	\$ 48.60
Diversion						\$ 777.60
BATTERIES						
Revenue	2471.00	lbs	X	\$ 0.28	=	\$ 691.88
Tipping	2471.00	lbs	X	\$ 0.03	=	\$ 74.13
Diversion						\$ 766.01
BATTERIES - RECHARGABLE						
Revenue	0.00	lbs	X	\$ -	=	\$ -
Tipping	0.00	lbs	X	\$ 0.03	=	\$ -
Diversion						\$ -
PLASTIC						
Revenue	0.41	tons	X	\$ 75.00	=	\$ 30.75
Tipping	0.41	tons	X	\$ 55.00	=	\$ 22.55
Diversion						\$ 53.30
ELECTRONICS						
Revenue	7.31	tons	X	\$ -	=	\$ -
Tipping	7.31	tons	X	\$ 55.00	=	\$ 402.05
Diversion						\$ 402.05
WOOD						
Revenue	1373.12	tons	X	\$ 6.16	=	\$ 8,458.42
Tipping	1373.12	tons	X	\$ 55.00	=	\$ 75,521.60
Diversion						\$ 83,980.02

TOTAL TONS	1476.74	TTL REVENUES	\$ 24,585.30
TOTAL LBS	4091.00	TTL DIVERSION	\$ 105,026.73
YTD TOTALS			
	TONS	LBS	TOTAL REVENUE
CARDBOARD	503.68		\$ 88,053.62
NEWSPAPER	38.68		\$ 5,113.50
METAL	594.02		\$ 63,306.20
COPPER WIRE		1351.00	\$ 432.32
ALUMINUM CANS		6340.00	\$ 3,769.00
BATTERIES		11395.00	\$ 3,073.30
RECHARGABLE BATTERIES		490.00	\$ -
PLASTIC	15.7		\$ 1,144.89
ELECTRONICS	116.11		\$ -
WOOD	12472.01		\$ 58,762.45
TOTALS	13739.99	21576.00	\$ 223,645.28
YTD SAVINGS			
YTD TONS			
YTD SAVINGS			
2017 YTD Gain (revenue & savings)			

Appendix H – SWCRSWMD Waste Hauler/Transporter Surveys

District Summary of Hauler Survey Forms

District Name: Southwest Central RSWMD

The report period requested is for materials received January 1 to December 31, 2017

Type of Customer	# of Accounts	Annual Volume in Tons	# of Licensed Trucks	# of Routes	Type of Material
Residential	56,369	37,798.36	49	56	
Commercial	3562	47970.06	14	14	
Medical Waste					
C & D Material	222	6596.36	102		
Recycling	See Surveys	See Surveys	See Surveys		
Industrial					
Other					
Totals					

Attach a list of Haulers and the Disposal Facilities they use with this completed form.

See Attached List and Hauler Surveys

Include a highlighted District-wide street-level map showing the combined Haulers' Services Areas.

See Appendix A

SOUTHWEST CENTRAL REGIONAL SOLID WASTE MANAGEMENT DISTRICT

[illegible]

Non-hazardous Waste Hauler Survey Form

Name of Hauler: Caddo Sanitation Contact Person: John W. Burgess

Business Address: PO Box 332 Registered with District: Yes or No

Phone Number: Glenwood AR 71943 Effective Date of District License: Jan 1 2018

870-356-4489

The report period requested is for materials received January 1 to December 31, 2017

Type of Customer	# of Accounts	Annual volume in		# of Routes	Type of Material	Disposal Facility Used
		Tons	# of licensed trucks			
Residential	35	9	2	1		CC Road & Bismark
Commercial						
Medical Waste						
C & D Material						
Recycling						
Industrial						
Other						
Totals						

Please include a street level map highlighted with the area your company services with this completed form.

Non-hazardous Waste Hauler Survey Form

Name of Hauler:

Messenger Waste Management

Business Address:

PO 133 Bismarck 58103

Phone Number:

501-620-6013

Contact Person:

Charles Messenger

Registered with District:

Yes or No

Effective Date of District License:

The report period requested is for materials received January 1 to December 31, 2017

Type of Customer	# of Accounts	Annual volume in		# of licensed trucks	# of Routes	Type of Material	Disposal Facility Used
		Tons					
Residential	201	NA		1	3		4
Commercial	24						
Medical Waste							
C & D Material							
Recycling	We Recycle all Metal						
Industrial							
Other							
Totals	225						

Please include a street level map highlighted with the area your company services with this completed form.

Non-hazardous Waste Hauler Survey Form

Name of Hauler: Clark County Sanitation

Contact Person: Christy Buck

Business Address: 1501 Hwy 67 S

Registered with District: Yes or No

Phone Number: Arkadelphia AR 71923

Effective Date of District License: 1-1-2018

The report period requested is for materials received January 1 to December 31, 2017

Type of Customer	# of Accounts	Annual volume in		# of Routes	Type of Material	Disposal Facility Used
		Tons	# of licensed trucks			
Residential	1500	1400	4	10	Residential WASTE	Transport to the city of Arkadelphia
Commercial	120	2332	2	5	Commercial Waste	They transport to Pine Bluff
Medical Waste	N/A					
C & D Material	100	1035	N/A	N/A	C & D Waste	Clark County Landfill
Recycling	N/A					
Industrial	N/A					
Other	N/A					
Totals						

Notes:

* Residential: We pick-up all residential in Clark County except the city of Arkadelphia. Please include a street level map highlighted with the area your company services with this completed form. City of Arkadelphia & city of Camden

** Commercial: We pick-up all commercial (green box) customers in Clark County except for the city of Arkadelphia

Clark County Landfill
507 Roundhill Road
Arkadelphia, AR 71923

Google Maps



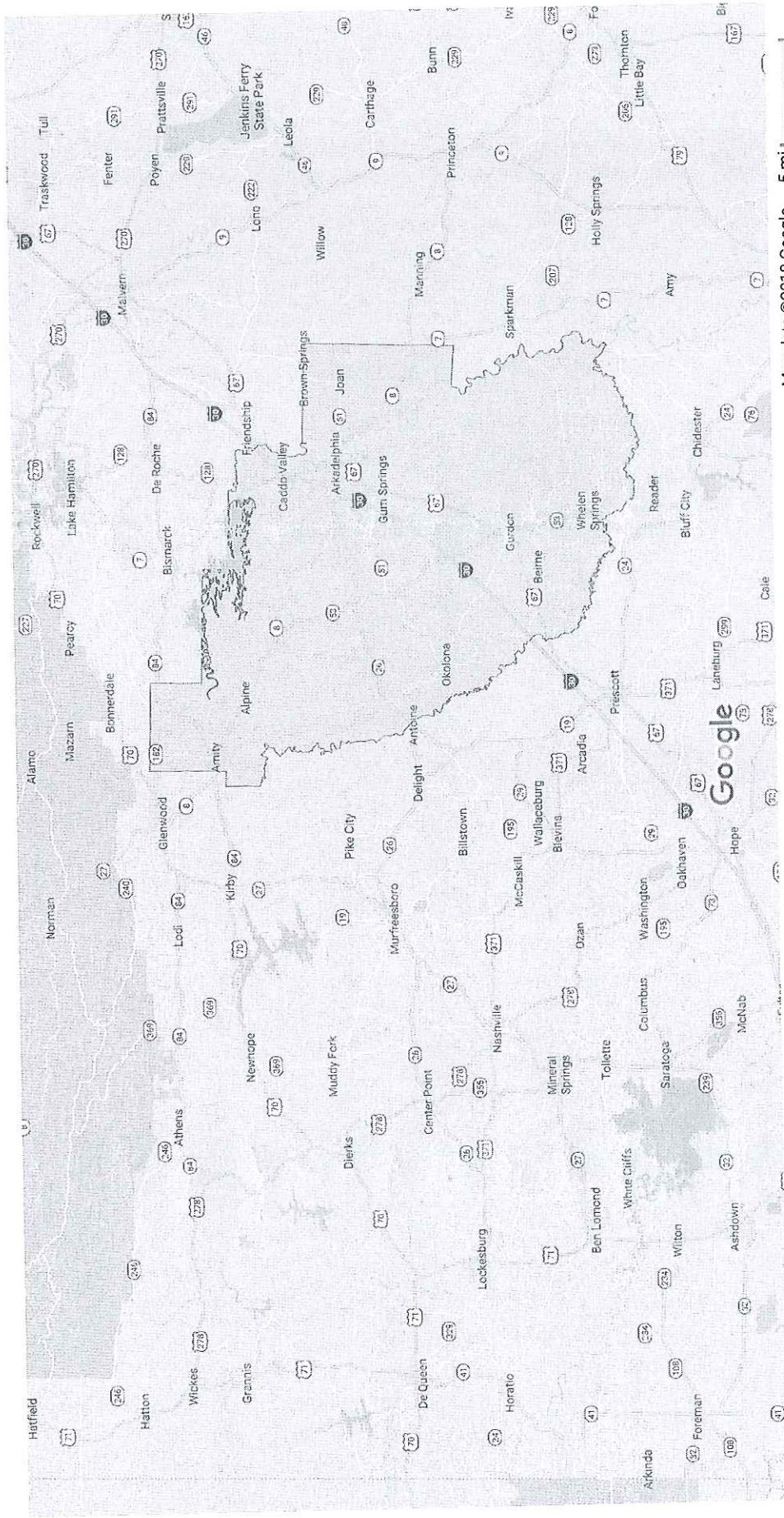
City of Arkadelphia Sanitation
Hempill Road
Arkadelphia, AR

Google Maps



Imagery ©2018 Google, Map data ©2018 Google 200 ft

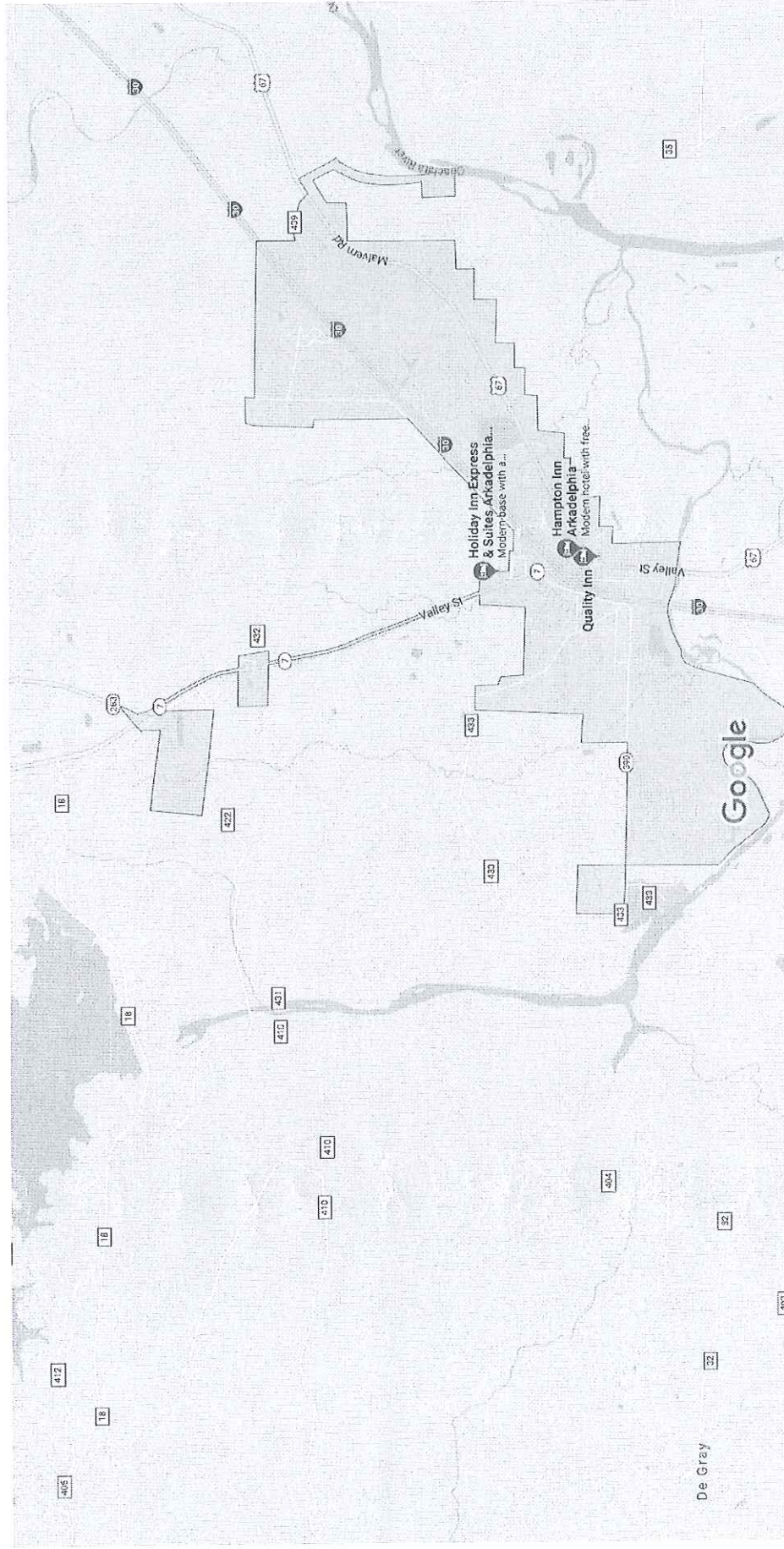
Google Maps Clark County



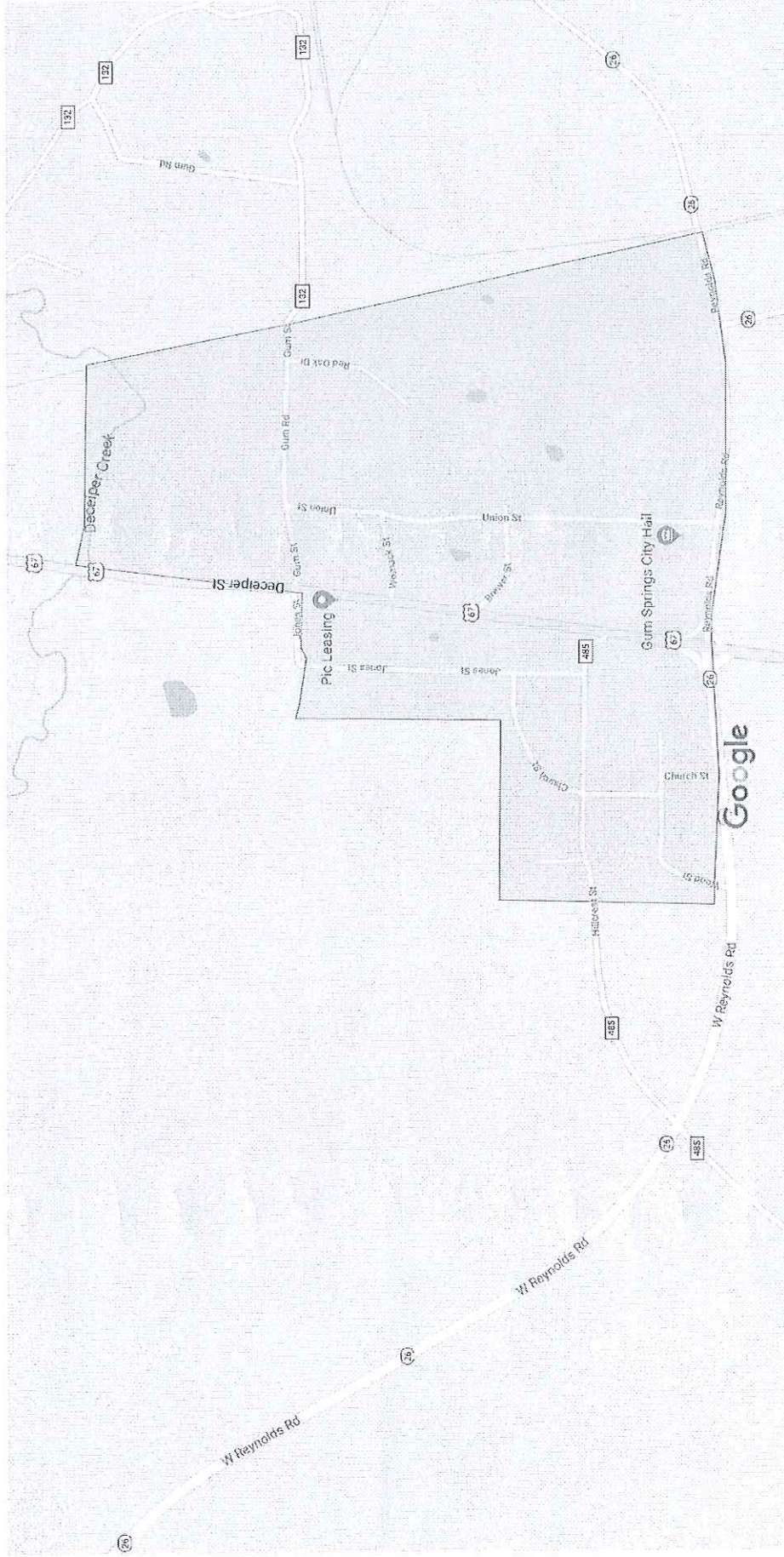
Map data ©2018 Google 5 mi

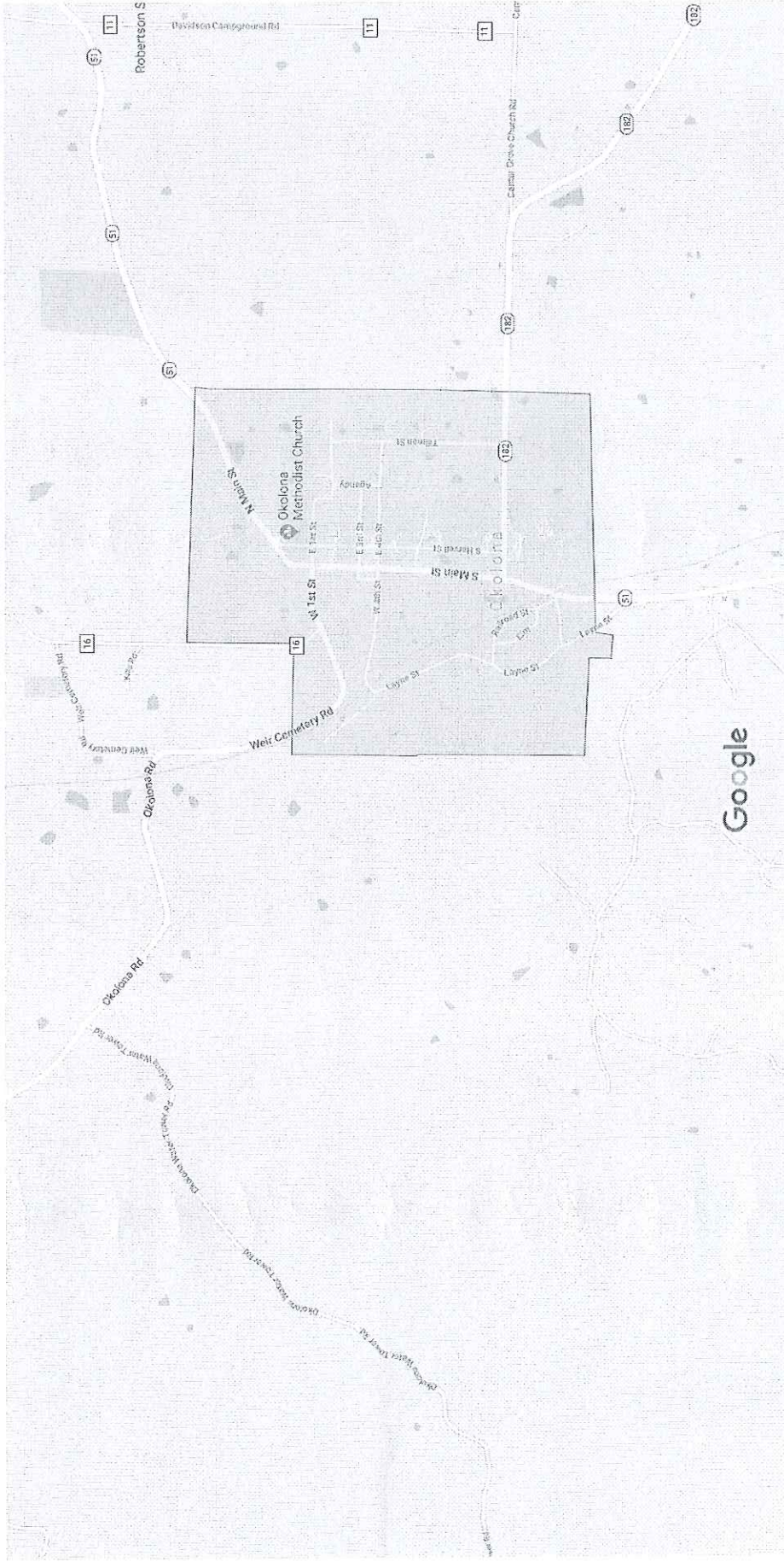
City of
Caddo Valley

Google Maps



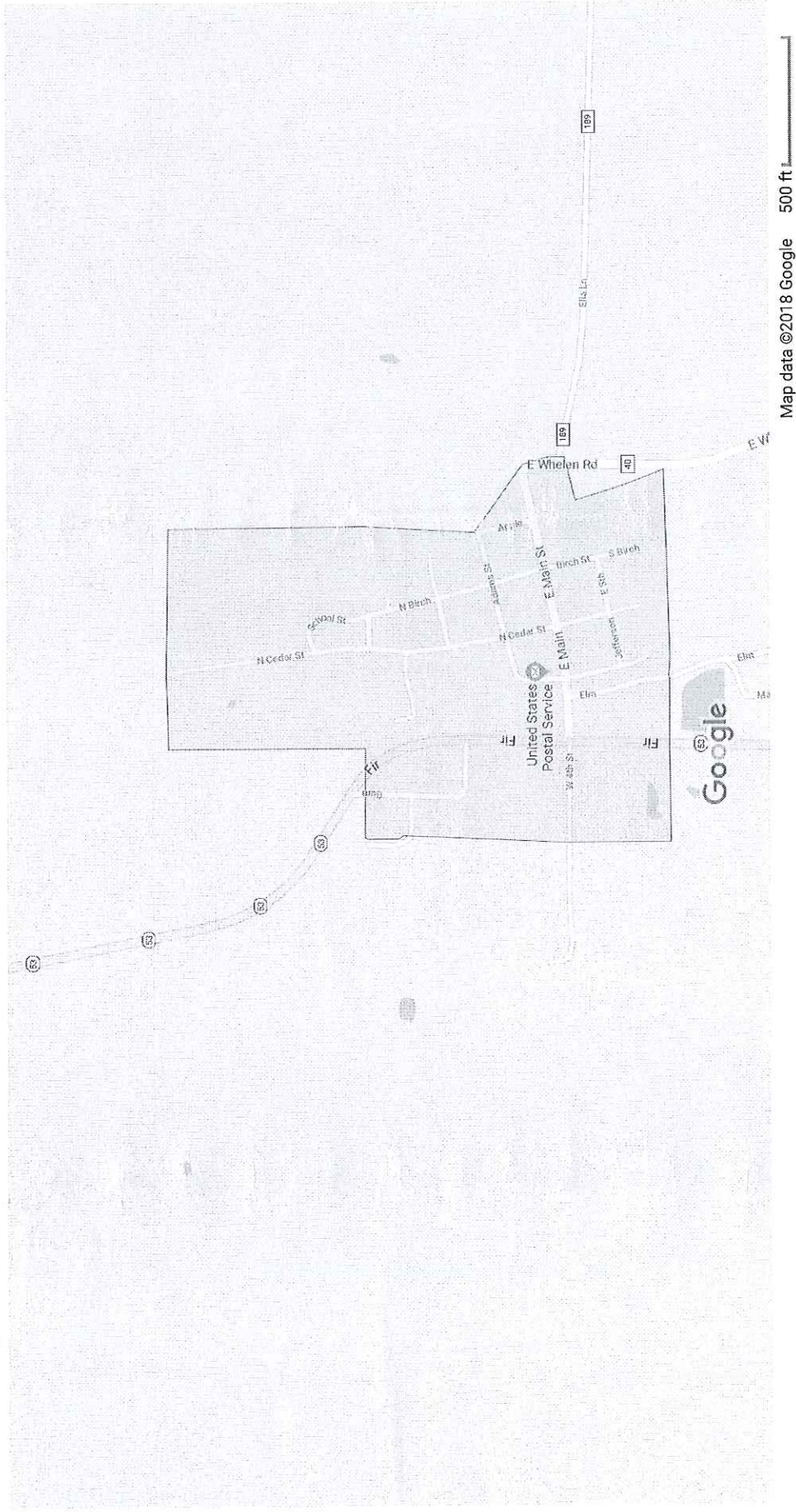
Map data ©2018 Google 2000 ft





City of
Wheelen Springs

Google Maps



Non-hazardous Waste Hauler Survey Form

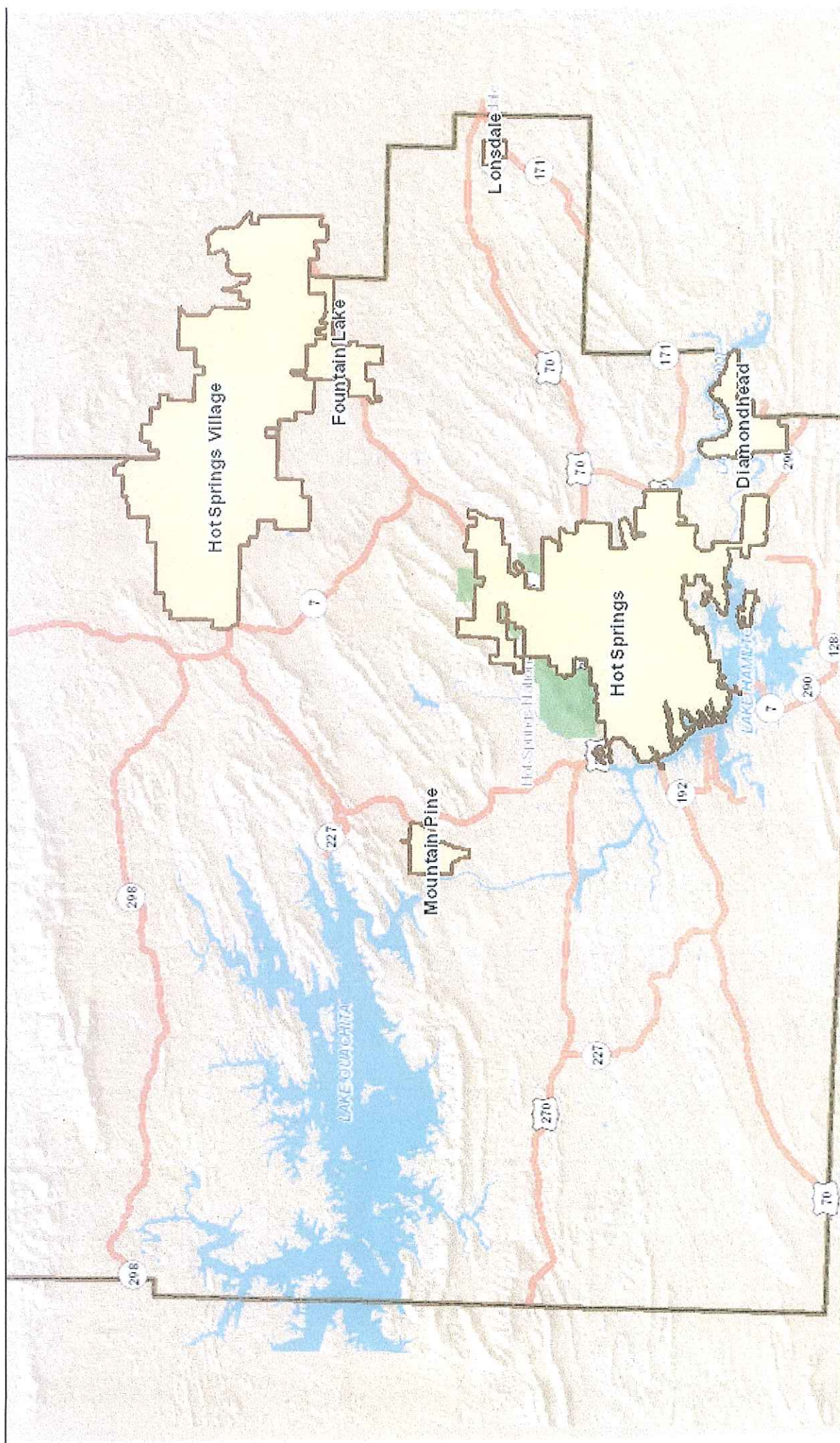
Name of Hauler: GC Landfill
 Business Address: 1040 Cedar Glade Rd.
 Phone Number: 501 623-8243

Contact Person: Billy Sawyer
 Registered with District: Yes or No
 Effective Date of District License: Renewed Annually

The report period requested is for materials received January 1 to December 31, 2017

Type of Customer	# of Accounts	Annual volume in		# of Routes	Type of Material	Disposal Facility Used
		Tons	# of licensed trucks			
Residential	23,704	13,664.36	14	3	CLASS 1	7 North, 70 West, LF
Commercial	555	25,090.06	5	5	CLASS 1	7 North, 70 West, LF
Medical Waste	97	2341.36	97	4	C&D	
C & D Material	97	2341.36	97	4	C&D	7 N, 70 W, LF
Recycling	30	933.75	2	308	Recycled	City ORE, 7 N, 70 W
Industrial	NA	2341.36			C	
Other						
Totals						

Please include a street level map highlighted with the area your company services with this completed form.



January 26, 2018

Garland County Service's everything but the City of Hot Springs
and Mountain Pine.

Non-hazardous Waste Hauler Survey Form

Name of Hauler: Town & Country Sanitation
 Business Address: 453 Rock Creek Rd A-1
Hot Springs, AR 71913
 Phone Number: 501-463-9727

Contact Person: Tim Efrad
 Registered with District: Yes or No
 Effective Date of District License: renewed annually

The report period requested is for materials received January 1 to December 31, 2017

Type of Customer	# of Accounts	Annual volume in		# of licensed trucks	Routes	Type of Material	Disposal Facility Used
		Tons					
Residential	7904	?		5	4	Residential	Garland County
Commercial							
Medical Waste							
C & D Material							
Recycling							
Industrial							
Other							
Totals							

Please include a street level map highlighted with the area your company services with this completed form.

Non-hazardous Waste Hauler Survey Form

Name of Hauler:

Suburban Sanitation Inc.

Business Address:

106 Technology PL Hot Springs, AR

Phone Number:

501 767 9451

Contact Person:

Libby Beck

Registered with District:

Yes or No

Effective Date of District License:

The report period requested is for materials received January 1 to December 31, 2017

Type of Customer	# of Accounts	Annual volume in		# of Routes	Type of Material	Disposal Facility Used
		Tons	# of licensed trucks			
Residential	7418		6	4	household	To West 7 No transfer station
Commercial					Ca Landfill	
Medical Waste						
C & D Material						
Recycling						
Industrial						
Other						
Totals						

Please include a street level map highlighted with the area your company services with this completed form.



Non-hazardous Waste Hauler Survey Form

Name of Hauler: Superior Sanitation, LLC

Contact Person: Roger Harper

Business Address: P.O. Box 9498

Registered with District: Yes or No

Hot Springs Village, AR 71910

Phone Number: 501-226-8416

Effective Date of District License: 1-1-2018

The report period requested is for materials received January 1 to December 31, 2017

Type of Customer	# of Accounts	Annual volume in		# of Routes	Type of Material	Disposal Facility Used
		Tons	# of licensed trucks			
Residential	1	382	2	4		Hwy 7 North Transfer Station
Commercial						
Medical Waste						
C & D Material						
Recycling						
Industrial						
Other						
Totals						

Please include a street level map highlighted with the area your company services with this completed form.

Non-hazardous Waste Hauler Survey Form

Name of Hauler:

CITY of Hot Springs

Business Address:

218 Rutherford St. Hot Springs

Phone Number:

501-321-6911

Contact Person:

Randy Atkinson

Registered with District:

Yes or No

Effective Date of District License:

The report period requested is for materials received January 1 to December 31, 2017

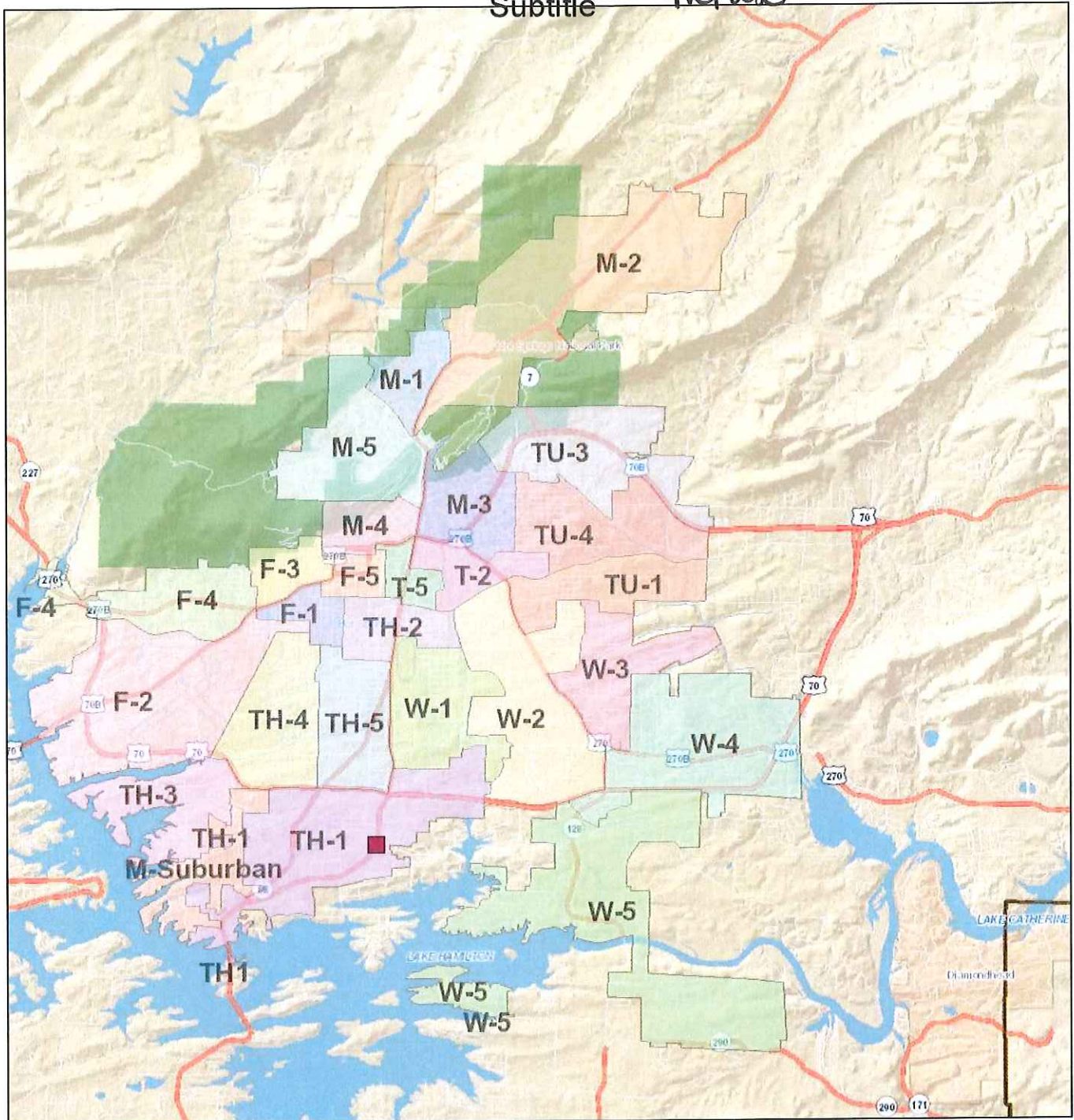
Type of Customer	# of Accounts	Annual volume in		# of licensed trucks	Routes	Type of Material	Disposal Facility Used
		Tons					
Residential	15,336	22,403	9	25	Household Trash	Two Pines	
Commercial	2,859	19,748	6	3	Commercial Trash	"	
Medical Waste	N/A						
C & D Material	Varies	2020	4	Varies	Const. Debris	Garland Co. L	
Recycling	Varies	123 curbside	2	10	Recyclables	Recycle Cent	
Industrial	Drop-off center	2416			Recyclables	Drop off center	
Other	N/A						
Totals		44,294					

(46,710)

Please include a street level map highlighted with the area your company services with this completed form.

Map Title
Subtitle

Refuse

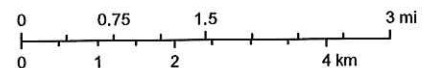


January 24, 2018

1:64,000

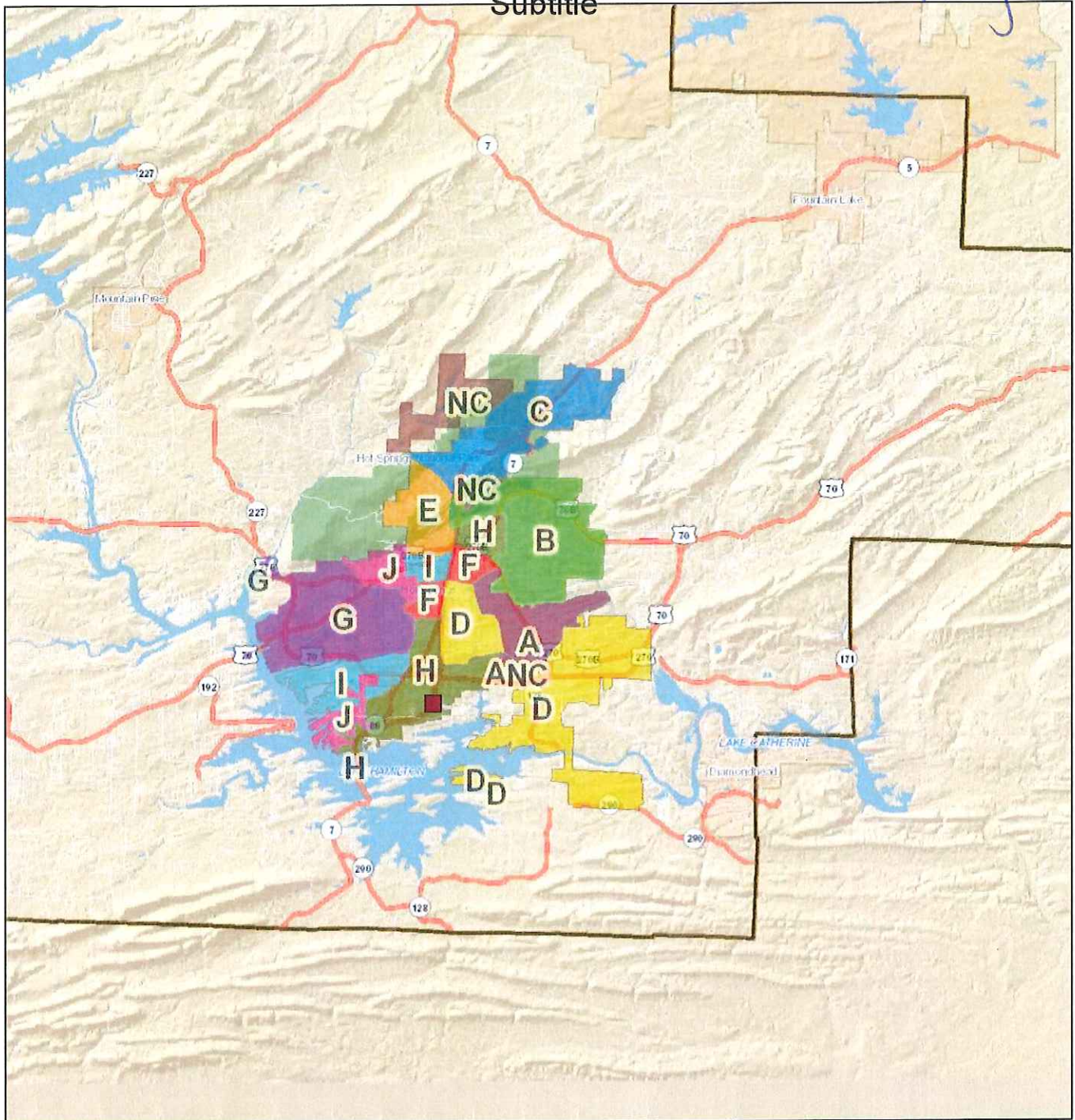
Residential Routes

F-1	T-5	W-4
F-2	TH-1	W-5
F-3	TH-2	
F-4	TH-3	
F-5	TH-4	
M-1	TH-5	
M-2	TH1	
M-3	TU-1	
M-4	TU-3	
M-5	TU-4	
M-Suburban	W-1	
T-2	W-2	
	W-3	



Map Title
Subtitle

Recycling

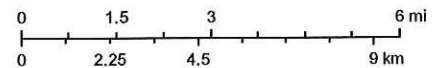


January 24, 2018

Recycle

- A
- B
- C
- D
- E
- F
- G
- H
- I
- J
- NC

1:125,000



Non-hazardous Waste Hauler Survey Form

Name of Hauler: Early Bird

Business Address: 1882 Redington rd

Traskwood AC 72167

Phone Number: 507-840-6758

Contact Person: Linda Toland

Registered with District: Yes or No

Effective Date of District License: 1-1-18

The report period requested is for materials received January 1 to December 31, 2017

Type of Customer	# of Accounts	Annual volume in		# of Routes	Type of Material	Disposal Facility Used
		Tons	# of licensed trucks			
Residential	270	_____	4 Run 1 route 2	_____	House Trash only	_____
Commercial						
Medical Waste						
C & D Material						
Recycling						
Industrial						
Other						
Totals						

Please include a street level map highlighted with the area your company services with this completed form.

Spring County, Arkansas





D

E

F

9

10

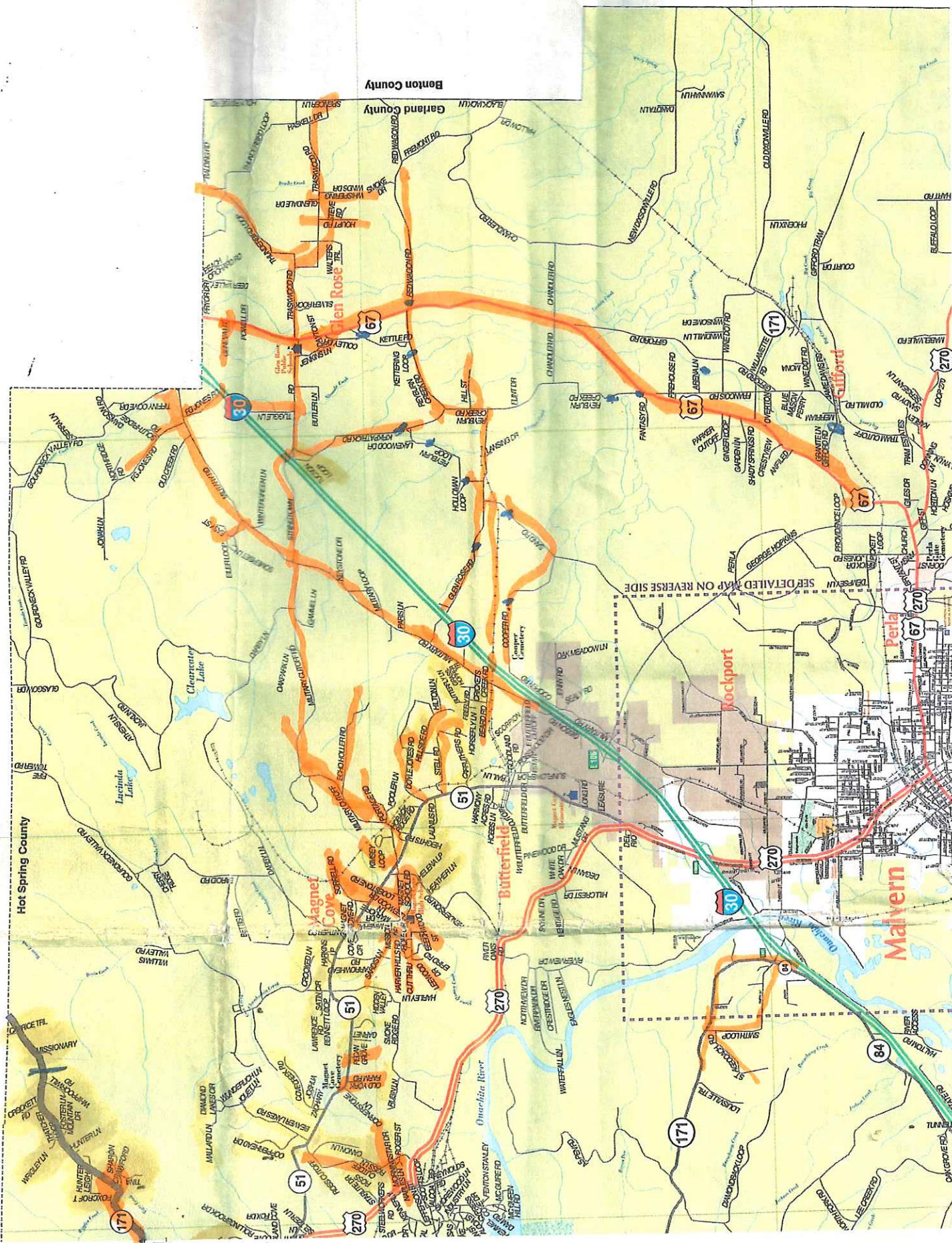
10

9

8

Garland County

Hot Spring County



A

B

C

Non-hazardous Waste Hauler Survey Form

Name of Hauler: JTM Wrecker Service

Contact Person: Jeremy Allen

Business Address: 11 Frost Rd

Registered with District: (Yes) or No

Arundelphia, AL 371923

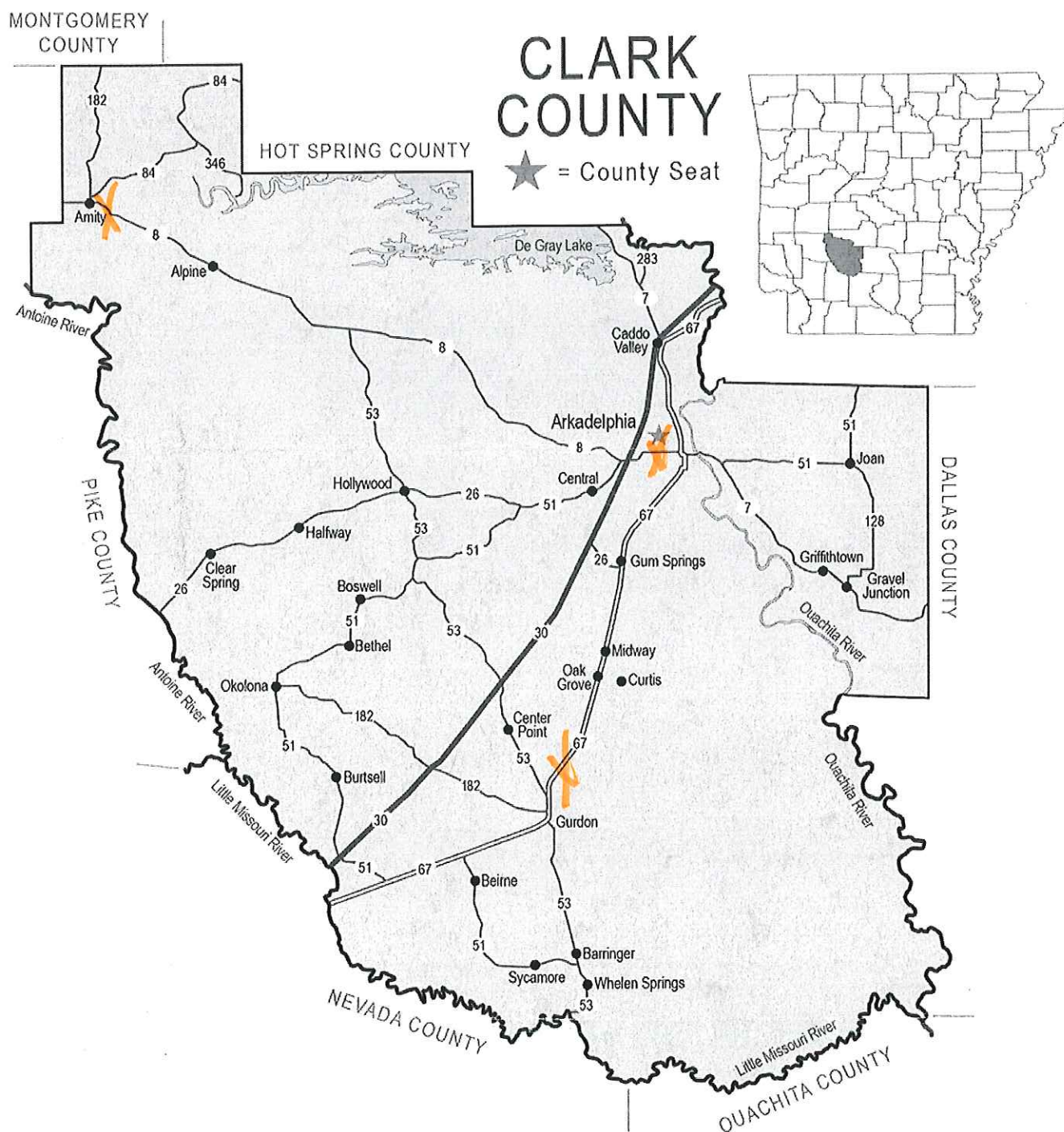
Phone Number:

Effective Date of District License: 12-2016

The report period requested is for materials received January 1 to December 31, 2017

Type of Customer	# of Accounts	Annual volume in		# of licensed trucks	# of Routes	Type of Material	Disposal Facility Used
		Tons					
Residential							
Commercial	4	800		1		Household/business	Upper SW RSummD Nashville, AL
Medical Waste							
C & D Material	25	600		1		Construction/waste	Clark County Tolan, AL
Recycling							
Industrial							
Other							
Totals	29	1400		2			

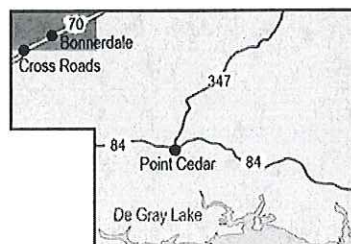
Please include a street level map highlighted with the area your company services with this completed form.



HOT SPRING COUNTY

★ = County Seat

MONTGOMERY
COUNTY



GARLAND COUNTY

CLARK COUNTY

DALLAS COUNTY

SALINE COUNTY

GRANT COUNTY

