

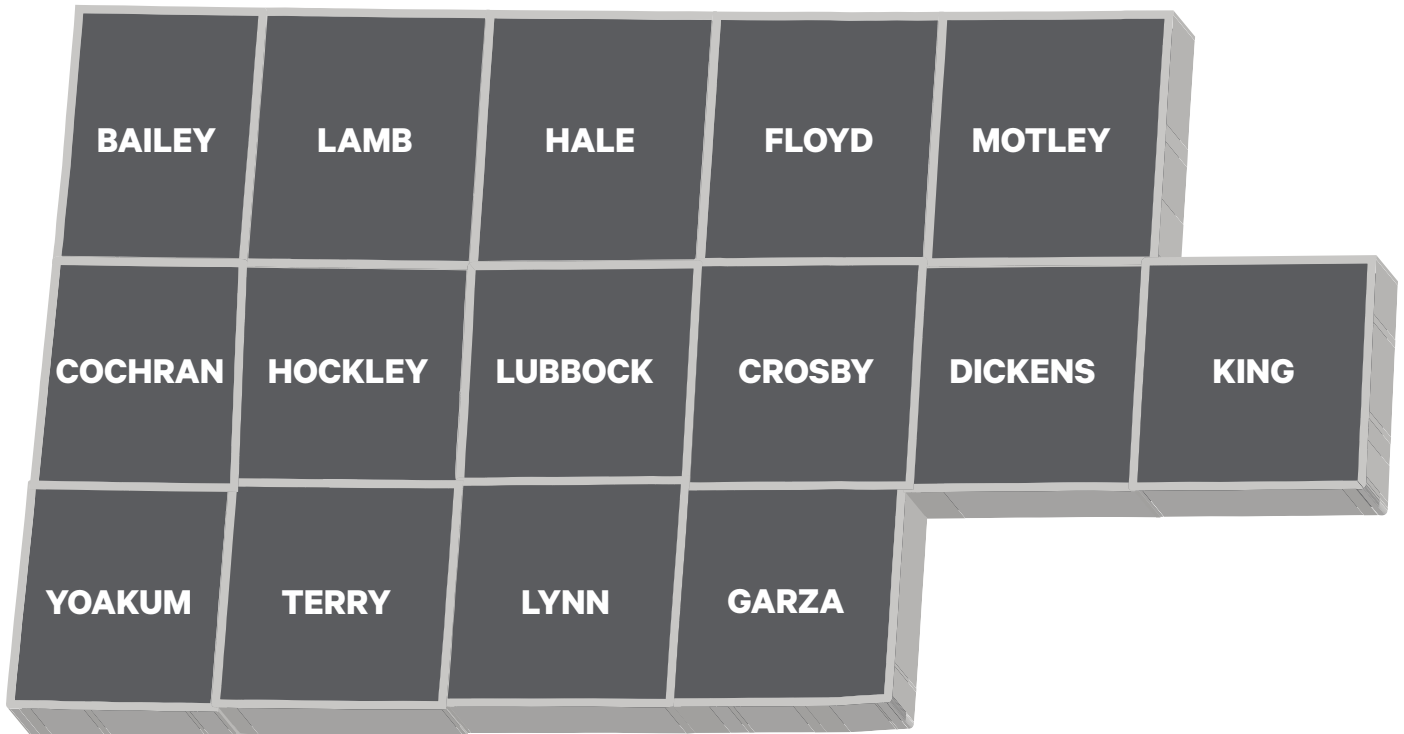
South Plains Association of Governments

Regional Solid Waste Management Plan

Volume I

2022 - 2042 PLANNING PERIOD

DECEMBER 2021 | PARKHILL PROJECT #01801820



South Plains Association of Governments



12/14/2021

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ADOPTION RESOLUTION

Regional Solid Waste Management Plan Volume I

Regional Organization Information

Table 1. Organization Information

Name of Council of Government	South Plains Association
Mailing Address	P.O. Box 3730 Freedom Station Lubbock, TX 79452
Website	www.spag.org
Phone Number	(806) 762-8721
Email Address	regional@spag.org

Section I. Geographic Scope

Table I.I. Geographic Scope

Names of Member Counties in the Entire Planning Region	Bailey, Cochran, Crosby, Dickens, Floyd, Garza, Hale, Hockley, King, Lamb, Lubbock, Lynn, Motley, Terry, Yoakum
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Section II. Plan Content

II.A. Regional Goals and Objectives

Table II.A. Regional Goals and Objectives

<p>Goal #1 Achieve a 5% reduction of solid waste entering landfills by 2027 and a reduction to 10% by 2032.</p>	<p>Objective 1.A. Increase diversion rate at landfills and look for local partners and ways to reuse or process waste locally.</p> <p>Objective 1.B. Incentivize and coordinate with contractors and new development within the region to push for construction and demolition (C&D) waste reduction, increased material reuse, or use of salvaged material.</p> <p>Objective 1.C Encourage composting, chipping, and/or grinding of yard waste for reuse as mulch and fertilizer.</p>
<p>Goal #2 Develop a regional plan to properly dispose of E-Waste from households and private businesses.</p>	<p>Objective 2.A. Partner municipalities with local commercial electronic vendors to develop joint regional E-Waste disposal and recycling plan.</p> <p>Objective 2.B. Educate citizens on the hazards of disposing of electronics in their local dumpsters or collection stations.</p> <p>Objective 2.C Provide permanent containers designated for E-Waste collection within cities or increase number of community collection days in the region that accept E-Waste.</p>
<p>Goal #3 Encourage proper disposal of household hazardous waste (HHW) and other hazardous waste.</p>	<p>Objective 3.A. Educate citizens on the potential hazards of disposing household hazardous waste and prescription drugs in their local dumpsters or collection stations. Spread awareness on what HHW is and where citizens can properly dispose.</p> <p>Objective 3.B. Provide permanent containers designated for HHW collection within cities or increase number of community collection days in the region that accept HHW.</p> <p>Objective 3.C. Hold annual collection days or community clean-up events in regional communities.</p>

<p>Goal #4 Decrease illegal dumping to include improperly disposed tires within the region.</p>	<p>Objective 4.A. Develop scrap tire ordinances for municipalities or region to aid in incentivizing proper scrap tire disposal.</p> <p>Objective 4.B. Develop additional scrap tire processing facilities in the region capable of recycling for material reuse. Region currently has only one processing facility.</p> <p>Objective 4.C Educate citizens on the proper collection areas within or near local municipalities.</p> <p>Objective 4.D. Partner with local law enforcement and encourage enforcement for illegal dumping.</p>
<p>Goal #5 Assist joint education efforts on waste reduction and reuse, and proper disposal methods.</p>	<p>Objective 5.A. Encourage citizens to prioritize reuse and reduce.</p> <p>Objective 5.B. Coordinate with municipalities to provide literature, informational webinars, and brochures/inserts to directly reach citizens for recycling education.</p> <p>Objective 5.C Partner with local ISDs to perform educational projects within K-12 schools, utilize higher education facilities to attract speakers, utilize student volunteers for clean-up efforts or educating the community, and bring awareness to methods of waste reduction.</p>

II.B. Efforts to Minimize, Reuse, and Recycle Waste

Table II.B. Waste Minimization, Reuse, and Recycling

Subject	Description
Current Efforts to Minimize Municipal Solid Waste and to Reuse or Recycle Waste	Based on surveyed municipalities and private haulers very few methods for waste reduction and recycling were indicated. There has been no organized effort to reduce waste and sludge or increase recycling within the SPAG region in recent years. Economically, the region does not have the means to collect and transport recycled materials rather than dispose of at local landfills. There are no private or public facilities to implement full scale recycling.
Recycling Rate Goal for the Region	The region established a goal to increase recycling by 5% by year 2027 and a goal to 10% by year 2032. The goal was established based on previous plan goals and a review on current recycling operations. Current recycling rate is only 4.5%.
Recommendations for Encouraging and Achieving a Greater Degree of Waste Minimization and Waste Reuse or Recycling	Municipalities to partner with local education systems to increase awareness and further education on reuse and recycling. Provide additional drop off facilities and/or increase drop off days to collect material. Develop a region wide materials recovery facility. Develop additional tire processing facilities within the region. Seek partnerships or new ventures for waste energy plants to develop within the region.
Existing or Proposed Community Programs for the Collection of Household Hazardous Waste	Surveyed municipalities and institutions within the region did not indicate ongoing programs for household hazardous waste (HHW). Periodically cities operate special collection/drop off days for residents and some larger municipalities will accept HHW at permanent drop off facilities. The region plans to increase collection days for HHW pickup and increase the availability for the region's landfills to accept and process HHW. The region plans to develop additional permanent HHW collection facilities through the long-range period.

<p>Composting Programs for Yard Waste</p>	<p>The recommended composting programs for yard waste and related organic wastes may include:</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> (I) creation and use of community composting centers; <input checked="" type="checkbox"/> (II) adoption of the "Don't Bag It" program for lawn clippings developed by the Texas Agricultural Extension Service; and <input checked="" type="checkbox"/> (III) development and promotion of education programs on home composting, community composting, and the separation of yard waste for use as mulch. <p>The region intends to increase composting amounts during the short-range planning period and continue the efforts through the long-range planning period. The region plans to accomplish this with educational items and informational material sent to residents to promote home composting, don't bag it lawn care procedures, and increase mulching and chipping at landfills.</p>
<p>Public Education/Outreach</p>	<p>Provide educational flyers in utility bills and add information to city websites promoting waste reduction, reuse, and recycling during the short-term planning period. Print, web, radio, or TV advertisement to educate on proper disposal efforts for common HHW and E-Waste during the intermediate planning period. Partner with green organizations to bring public speakers to public school systems in the intermediate planning period.</p>

II.C. Commitment Regarding the Management of MSW Facilities

By checking the boxes below, the Council of Government makes a commitment to the following, regarding the management of MSW facilities:

- (i) encouraging cooperative efforts between local governments in the siting of landfills for the disposal of solid waste;
- (ii) assessing the need for new waste disposal capacity;
- (iii) considering the need to transport waste between municipalities, from a municipality to an area in the jurisdiction of a county, or between counties, particularly if a technically suitable site for a landfill does not exist in a particular area;
- (iv) allowing a local government to justify the need for a landfill in its jurisdiction to dispose of the solid waste generated in the jurisdiction of another local government that does not have a technically suitable site for a landfill in its jurisdiction;
- (v) completing and maintaining an inventory of MSW landfill units in accordance with Texas Health and Safety Code, §363.064. One copy of the inventory shall be provided to the commission and to the chief planning official of each municipality and county in which a unit is located; and
- (vi) developing a guidance document to review MSW registration and permit applications to determine conformance with the goals and objectives outlined in *Volume II: Regional Solid Waste Management Plan Implementation Guidelines* as referenced in 30 TAC §330.643.

Section III. Required Approvals

Table III.I. Required Approvals

Solid Waste Advisory Committee	7/15/2021
Public Meeting Dates	3/25/2021, 8/9/2021, 11/8/2021
Executive Committee	11/09/2021