



# **WEST CENTRAL TEXAS COUNCIL OF GOVERNMENTS**

## **Regional Solid Waste Management Plan**

### **2022-2042 Planning Period**

DRAFT SUBMITTED TO WEST  
CENTRAL TEXAS COUNCIL OF  
GOVERNMENTS FOR BOARD  
APPROVAL.

SUBMITTAL DATE: 11/3/2021

**ADOPTION RESOLUTION**

**A RESOLUTION OF THE EXECUTIVE COMMITTEE OF THE WEST CENTRAL TEXAS COUNCIL OF GOVERNMENTS ADOPTING THE REGIONAL SOLID WASTE MANAGEMENT PLAN 2022/2042.**

WHEREAS, the Texas Commission on Environmental Quality (TCEQ) has set forth guidelines regarding the writing of a Regional Solid Waste Management Plan (RSWMP); and

WHEREAS, the West Central Texas Council of Governments (WCTCOG) has been designated by the state as the regional planning agency for a nineteen county region; and

WHEREAS, members of the WCTCOG Natural Resources Committee, representing the governmental, private, and civic sectors of each county in the area, were chosen to assist in the development of the plan; and

WHEREAS, public participation and education during the planning process included committee meetings that were open to the public and a public hearing held prior to the adoption of this plan; and

WHEREAS, the attached RSWMP has been writing to support the State Solid Waste Management Plan and it includes a compilation of planning data including the regional description, current solid waste management system, system evaluation, needs assessment, and evaluation of alternatives; and

WHEREAS, the purpose of the plan is to provide guidance regarding solid waste management within the region, including waste reduction, recycling, and disposal for the period 2022-2042, and any local plans and solid waste initiatives that may be developed in the area will be required to conform to this regional plan:

NOW, THEREFORE, BE IT RESOLVED by the Executive Committee of the West Central Texas Council of Governments that the Regional Solid Waste Management Plan 2022-2042 attached be and the same is hereby adopted as the Regional Solid Waste Management Plan 2022-2042 of the West Central Texas Council of Governments on the date of this Resolution.

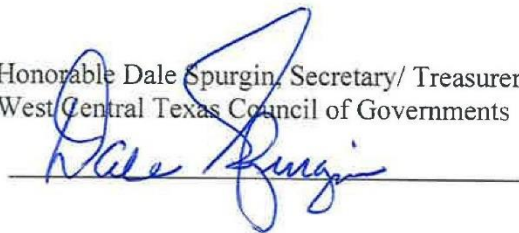
DULY ADOPTED this the 3<sup>rd</sup> day of November 2021.

Attest:

Honorable Downing Bolls, President  
West Central Texas Council of Governments



Honorable Dale Spurgin, Secretary/ Treasurer  
West Central Texas Council of Governments



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TABLE OF CONTENTS

EXECUTIVE SUMMARY..... 6

ACKNOWLEDGEMENTS .....8

VOLUME I

I. GEOGRAPHIC SCOPE..... 11
II. PLAN CONTENT..... 11
A. REGIONAL GOALS AND OBJECTIVES..... 12
B. EFFORTS TO MINIMIZE, REUSE, AND RECYCLE WASTE..... 13
C. COMMITMENT REGARDING THE MANAGEMENT OF MSW FACILITIES..... 15
III. REQUIRED APPROVALS..... 15

VOLUME II

I. GEOGRAPHIC SCOPE..... 3
II. PLANNING PERIODS..... 4
III. PLAN CONTENT..... 5
A. DEMOGRAPHIC INFORMATION..... 5
B. CURRENT AND FUTURE SOLID WASTE AMOUNTS..... 8
C. CURRENT AND PLANNED SOLID WASTE MANAGEMENT ACTIVITIES..... 10
D. ADEQUACY OF EXISTING SOLID WASTE MANAGEMENT FACILITIES AND PRACTICES.... 14
E. ASSESSMENT OF CURRENT SOURCE REDUCTION AND WASTE MINIMIZATION..... 15
F. ADDITIONAL OPPORTUNITIES FOR SOURCE REDUCTION AND WASTE MINIMIZATION...15
G. RECOMMENDATIONS FOR ENCOURAGING AND ACHIEVING A GREATER DEGREE OF SOURCE REDUCTION AND WASTE MINIMIZATION..... 16
H. PUBLIC AND PRIVATE MANAGEMENT AGENCIES AND RESPONSIBILITIES.....16
I. IDENTIFICATION OF SOLID WASTE MANAGEMENT CONCERNS.....17
J. PLANNING AREAS AND AGENCIES WITH COMMON SOLID WASTE MANAGEMENT CONCERNS..... 18
K. INCENTIVES AND BARRIERS FOR SOURCE REDUCTION AND WASTE MINIMIZATION AND RESOURCE RECOVERY..... 19
L. REGIONAL GOALS AND OBJECTIVES..... 20
M. ADVANTAGES AND DISADVANTAGES OF ALTERNATE ACTIONS..... 21
N. RECOMMENDED PLAN OF ACTION AND ASSOCIATED TIMETABLE FOR ACHIEVING SPECIFIC GOALS AND OBJECTIVES..... 21
O. IDENTIFICATION OF THE PROCESS THAT WILL BE USED TO EVALUATE A PROPOSED MUNICIPAL SOLID WASTE APPLICATION.....22
IV. REQUIRED APPROVALS..... 23

APPENDICES

- APPENDIX III.A.: DEMOGRAPHIC INFORMATION
APPENDIX III.B: CURRENT AND FUTURE SOLID WASTE AMOUNTS BY TYPE
APPENDIX III.C: DESCRIPTION OF CURRENT AND PLANNED SOLID WASTE MANAGEMENT ACTIVITIES
APPENDIX III.D: DESCRIPTION AND ASSESSMENT OF THE ADEQUACY OF EXISTING SOLID WASTE MANAGEMENT FACILITIES AND PRACTICES

APPENDIX III.H: IDENTIFICATION OF PUBLIC AND PRIVATE MANAGEMENT AGENCIES AND RESPONSIBILITIES

APPENDIX III.O: IDENTIFICATION OF THE PROCESS THAT WILL BE USED TO EVALUATE WHETHER A PROPOSED MUNICIPAL WASTE FACILITY APPLICATION WILL BE IN CONFORMANCE WITH THE REGIONAL PLAN

APPENDIX IV.B: PUBLIC NOTICE, AGENDA, PUBLIC COMMENTS, AND PUBLIC MEETING TRANSCRIPT

## EXECUTIVE SUMMARY

In accordance with the Texas Health and Safety Code 363, Subchapter D and Texas Administrative Code Chapter 330, Subchapter O, the enclosed report serves as the West Central Texas Council of Governments (WCTCOG) Regional Solid Waste Management Plan. The original plan, adopted by WCTCOG Board of Directors in the fall of 1992, has been updated and amended periodically since its creation. This plan is an update to the previously approved plan from September of 2002.

This plan update details the region's current and planned municipal solid waste (MSW) management procedures, objectives and goals, recommendations, and strategies for achieving goals through the planning period of years 2022 to 2042. The plan update follows TCEQ guidance using the Regional Solid Waste Management Plan Volume I and Volume II forms, revised September 22, 2020, and the plan is divided into four sections;

- Geographic Scope,
  
- Planning Periods,
  
- Plan Content,
  
- Required Approvals.

To aid in gaining accurate and current data for use in this plan, an MSW survey was prepared and submitted to all public and private solid waste generators, collection organizations, and landfills within the WCTCOG region. The survey aimed to gather MSW operations and practices, waste hauler and landfill information, and recycling and scrap operations data. Additional plan data and information were obtained through various sources, which included TCEQ's Municipal Solid Waste in Texas: A Year in Review 2019, Data Summary and Analysis, direct questionnaires, and recent TCEQ annual solid waste reports.

Following the receipt of MSW surveys and data collection, the WCTCOG NRC Advisory Committee discussed the region's results, reviewed plan drafts and revisions, and approved the plan for distribution. The dates of the WCTCOG NRAC during plan development were: April 22, 2021; July 22, 2021; and October 21, 2021. Two public

hearings were conducted on July 22, 2021 and October 21, 2021, to present the plan to the general public and solicit comments for inclusion in the report. The plan was formally adopted by the WCTCOG Board of Directors on November 3, 2021.

Through the planning process, the NRAC and WCTCOG developed a series of regional goals and objectives for the plan. Regional goals and objectives are periodically reviewed and evaluated for effectiveness and sustainability during the planning period. The following are the regional objectives for the full planning period years between the years 2022 and 2042:

- Regionally assure adequate levels of transportation and disposal capabilities
- Develop local source reduction, waste minimization, reuse, recycling, and composting programs to conserve disposal capacity and resources
- Develop programs to assist regional and local entities in controlling and stemming illegal and improper disposal practices
- Develop regional cost-effective, efficient, and environmental suitable solid waste management systems

Volume I Section I outlines the geographic scope of the region, Section II details the regions goals, waste minimization and recycling efforts, and the commitment to the management of MSW facilities, and Section III demonstrates the plan's approval. Volume II and Sections I and II of the plan outline the geographic scope of the region and establish the short, intermediate, and long-range planning period for the full plan between 2022 to 2042. Section III outlines cautious subsections detailing the status and adequacy of waste management activities as well as recommendations, incentives, and barriers to achieve waste minimization, and reuse, recycling and resource recovery. Section IV includes the plan's approval by the general public, NRAC, and the WCTCOG executive board.

## ACKNOWLEDGEMENTS

This Regional Solid Waste Management Plan was funded through grant monies provided by the Texas Commission on Environmental Quality (TCEQ), distributed by the West Central Texas Council of Governments (WCTCOG).

Archer Municipal Consulting was selected to develop this plan on behalf of WCTCOG. Archer Municipal Consulting wishes to acknowledge and thank all the parties involved in developing and planning this regional solid waste management plan. The following are key organizations and participants involved:

### **West Central Texas Council of Governments**

Tom Smith, Executive Director  
P.J. Sumner, Regional Services Coordinator  
Doug Burks, [my911shop.com](http://my911shop.com) Manager

### **Natural Resources Advisory Committee**

Darwin Archer  
Kelly Andrus  
Mike Perez  
Jim Winward  
Merle Taylor

### **Natural Resources Committee**

Comprised of Representative members from the nineteen (19) county West Central Texas Council of Governments region.





## Volume I

# Regional Solid Waste Management Plan Volume I

Regional Solid Waste Management Plans are required by Texas Health and Safety Code (THSC), §363.062, relating to Regional Solid Waste Management Plan (RSWMP). Contents of the RSWMP are described in THSC §363.064 and in 30 Texas Administrative Code (TAC), Chapter 330, Subchapter O.

This form contains set fields for data entry. To complete an entry, click on the area where the instructions are shown and begin typing. Rows can be added or deleted in the tables as needed. The RSWMP Volume I Form was developed by the Texas Commission on Environmental Quality (TCEQ) in coordination with the Texas Association of Regional Councils. Planning organizations with questions about the form can contact the **TCEQ Business and Program Services Section** by calling 512-239-2335.

# Regional Solid Waste Management Plan Volume I

## Regional Organization Information

**Table 1. Organization Information**

<b>Name of Council of Government</b>	West Central Texas Council of Governments
<b>Mailing Address</b>	3702 Loop 322 Abilene, Texas 79602
<b>Website</b>	www.wctcog.org
<b>Phone Number</b>	(325) 672-8544
<b>Email Address</b>	wct@westcentraltexas.org

## Section I. Geographic Scope

**Table I.I. Geographic Scope**

<b>Names of Member Counties in the Entire Planning Region</b>	Brown, Callahan, Coleman, Comanche, Eastland, Fisher, Haskell, Jones, Kent, Knox, Mitchell, Nolan, Runnels, Scurry, Shackelford, Stephens, Stonewall, Taylor, Throckmorton
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## Section II. Plan Content

### II.A. Regional Goals and Objectives

**Table II.A. Regional Goals and Objectives**

<p><b>Goal #1</b> Regionally assure adequate levels of transportation and disposal capabilities.</p>	<p><b>Objective 1.A.</b> Local governments in each county should assess disposal strategies.</p> <p><b>Objective 1.B.</b> Develop a regional material recovery facility to receive and consolidate recyclable material.</p> <p><b>Objective 1.C.</b> Develop a plan to accommodate for increases in solar panel and wind turbine disposal.</p>
<p><b>Goal #2</b> Develop local source reduction, waste minimization, reuse, recycling, and composting programs to conserve disposal capacity and resources.</p>	<p><b>Objective 2.A.</b> Provide technical assistance to local governments, businesses, and institutions in identifying and implementing source reduction, waste minimization, re-use, and recycling strategies.</p> <p><b>Objective 2.B.</b> Assistance in marketing recyclables and recycled products and development of said market.</p> <p><b>Objectives 2.C.</b> Implement more aggressive waste reduction programs to meet recycling goals.</p>
<p><b>Goal #3</b> Develop programs to assist regional and local entities in controlling and stemming illegal and improper disposal practices.</p>	<p><b>Objective 3.A.</b> Create education/awareness programs for citizens discouraging illegal waste disposal, illegal dumping, and promoting code enforcement.</p> <p><b>Objective 3.B.</b> Create education/awareness programs for citizens on proper disposal of household hazardous waste.</p> <p><b>Objectives 3.C.</b> Provide technical assistance in identifying and implementing proper management practices for special and problem waste.</p> <p><b>Objective 3.D.</b> Assistance in development of local and regional plans to deter littering, increase scrap tire abatement, and deter illegal dumping.</p>

<p><b>Goal #4</b> Develop regional cost-effective, efficient, and environmentally suitable solid waste management systems.</p>	<p><b>Objective 4.A.</b> Educational programs should be established to update the region on changes to State MSW laws, regulations, and policies.</p> <p><b>Objective 4.B.</b> Recycling of electric car batteries program.</p>
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**II.B. Efforts to Minimize, Reuse, and Recycle Waste**

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

<b>Subject</b>	<b>Description</b>
<p>Current Efforts to Minimize Municipal Solid Waste and to Reuse or Recycle Waste</p>	<p>Surveyed municipalities and institutions within the region are currently working to further develop recycling programs that may already be in existence locally. Although a region-wide recycling/reuse program does not currently exist and there is not a MRF within the region, several surveyed municipalities have local programs for recycle/reuse. Those programs include municipally operated programs as well as third-party operated programs.</p>
<p>Recycling Rate Goal for the Region</p>	<p>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 of current recycling operations.</p>
<p>Recommendations for Encouraging and Achieving a Greater Degree of Waste Minimization and Waste Reuse or Recycling</p>	<p>Municipalities are to partner with local education systems to increase awareness and increase 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 tire processing facilities within the region.                      Develop electric car battery processing facilities.</p>
<p>Existing or Proposed Community Programs for the Collection of Household Hazardous Waste</p>	<p>Surveyed municipalities and institutions within the region did not indicate substantial ongoing programs for household hazardous waste (HHW). Small cities operate periodic collection/drop-off days and larger cities have permanent HHW facilities. The region will advocate for increased collection days and increased availability at landfills.</p>

<b>Subject</b>	<b>Description</b>
Composting Programs for Yard Waste	The region intends to increase composting amounts throughout the planning period. Programs for increased education of home composting and its value shall be disseminated to the local governments and coordinated by the region.
Public Education/Outreach	Regional activities will coordinate with local governments throughout the planning period to allow for provision of educational materials that may be used for a variety of applications, including print, web, social media, radio, or television advertising.

## 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

<b>Solid Waste Advisory Committee</b>	10/21/2021
<b>Public Meeting Dates</b>	7/22/2021, 10/21/2021
<b>Executive Committee</b>	11/3/2021