Regional Solid Waste Management Implementation Plan Volume II

# Regional Organization Information

Table 1. Organization Information

|  |  |
| --- | --- |
| Name of Council of Government | Enter the name of the regional council of government. |
| Mailing Address | Enter the mailing address for the organization, including street number and name, city, state, and zip code. |
| Website | Enter the website for the organization. |
| Phone Number | Enter the number for the organization. |
| Email Address | Enter the email address for the organization. |

# Section I. Geographic Scope

Table I.I. Geographic Scope

|  |  |
| --- | --- |
| I.A. Names of Member Counties in the Entire Planning Region  [Ref. 30 TAC §330.643(a)(1)] | Enter the names of the member counties in the planning region. |
| I.B. Geographic Planning Units Used in the Regional Implementation Plan  [Ref. 30 TAC §330.643(a)(1)] | Small geographic areas such as census tracts or city boundaries for the most detailed data collection and manipulation;  Planning areas to be used for the assessment of concerns and the evaluation of alternatives. These planning areas shall be aggregations of small geographic areas;  County boundaries for the summarization and presentation of key information; or  The entire planning region |

# Section II. Planning Periods

[Ref. 30 TAC §330.643(a)(2)]

Table II.I. Planning Periods

|  |  |
| --- | --- |
| II.A.1. Current and Historical Information | Enter the years for current and historical information. Provide specific information on implementation activities for the current planning period. |
| II.A.2. Short-range Planning Period | Enter the years for the short-range planning period, one to five years. Provide specific information on implementation activities for the short-range planning period. |
| II.A.3. Intermediate Planning Period | Enter the years for the intermediate planning period, six to ten years. Provide a general description of planned activities for the intermediate planning period. |
| II.A.4. Long-range Planning Period | Enter the years for the long-range planning period 11 to 20 years or longer. Provide a general description of planned activities for the long-range planning period. |
| **Check box if additional details provided in *Attachment II.A*.** | |

# Section III. Plan Content

## III.A. Demographic Information

[Ref. 30 TAC §330.643(a)(3)(A)]

In the table, provide population projections, significant commercial and industrial economic activity affecting waste generation and disposal in the area, and recycling activities. Use five-year increments beginning from the base year to the end of the long-range planning period. Refer to Regional Plan Instructions for more information on III.A. Demographic Information.

Table III.A.I. Residential Waste Generation

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Year** | **Growth Rate per Year** | **Current Population/ Population Projection** | **Landfill Disposal (Tons)** | **Disposal Rate (lbs./Person/Day)** | **Recycling (Tons)** | **Recycling Rate (lbs./Person/Day** | **Residential Waste Generation (Tons)** |
| Current |  |  |  |  |  |  |  |
| 2022 |  |  |  |  |  |  |  |
| 2027 |  |  |  |  |  |  |  |
| 2032 |  |  |  |  |  |  |  |
| 2037 |  |  |  |  |  |  |  |
| 2042 |  |  |  |  |  |  |  |

Table III.A.II. Commercial Waste Generation

|  |  |  |
| --- | --- | --- |
| **Year** | **Description of significant commercial activities affecting waste generation and disposal in the area.** | **Expected increase or decrease to Commercial Waste Generation** |
| 2022 | Provide a description of significant commercial activities affecting waste generation and disposal in the area over this five-year planning period. | Identify the expected increase or decrease to commercial waste generation. |
| 2027 | Provide a description of significant commercial activities affecting waste generation and disposal in the area over this five-year planning period. | Identify the expected increase or decrease to commercial waste generation. |
| 2032 | Provide a description of significant commercial activities affecting waste generation and disposal in the area over this five-year planning period. | Identify the expected increase or decrease to commercial waste generation. |
| 2037 | Provide a description of significant commercial activities affecting waste generation and disposal in the area over this five-year planning period. | Identify the expected increase or decrease to commercial waste generation. |
| 2042 | Provide a description of significant commercial activities affecting waste generation and disposal in the area over this five-year planning period. | Identify the expected increase or decrease to commercial waste generation. |

Table III.A.III. Industrial Waste Generation

|  |  |  |
| --- | --- | --- |
| **Year** | **Description of significant industrial waste activities affecting waste generation and disposal in the area.** | **Expected increase or decrease to Industrial Waste Generation** |
| 2022 | Provide a description of significant industrial activities affecting waste generation and disposal in the area over this five-year planning period. | Identify the expected increase or decrease to industrial waste generation. |
| 2027 | Provide a description of significant industrial activities affecting waste generation and disposal in the area over this five-year planning period. | Identify the expected increase or decrease to industrial waste generation. |
| 2032 | Provide a description of significant industrial activities affecting waste generation and disposal in the area over this five-year planning period. | Identify the expected increase or decrease to industrial waste generation. |
| 2037 | Provide a description of significant industrial activities affecting waste generation and disposal in the area over this five-year planning period. | Identify the expected increase or decrease to industrial waste generation. |
| 2042 | Provide a description of significant industrial activities affecting waste generation and disposal in the area over this five-year planning period. | Identify the expected increase or decrease to industrial waste generation. |

## III.B. Estimates of Current and Future Solid Waste Amounts by Type

[Ref. 30 TAC §330.643(a)(3)(B)]

In the table, provide the current and project solid waste amounts by type that will be generated and managed within the region. Use five-year increments beginning from the base year to the end of the long-range planning period. Refer to Regional Plan Instructions for more information on III.B. Estimates of Current and Future Solid Waste Amounts by Type.

Table III.B.1. Current and Future Solid Waste Amounts by Type

| **Waste Type** | **Number of Landfills Accepting Waste Type** | **Percent of Total Tons Disposed** | **Current Year** | **5-year Projection (tons)** | **10-year Projection (tons)** | **15-year Projection (tons)** | **20-year Projection (tons)** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Municipal |  |  |  |  |  |  |  |
| Brush |  |  |  |  |  |  |  |
| Construction or Demolition |  |  |  |  |  |  |  |
| Litter |  |  |  |  |  |  |  |
| Class 1 Non-hazardous |  |  |  |  |  |  |  |
| Classes 2 and 3 Non-hazardous |  |  |  |  |  |  |  |
| Incinerator Ash |  |  |  |  |  |  |  |
| Treated Medical Waste |  |  |  |  |  |  |  |
| Municipal Hazardous Waste from CESQGs |  |  |  |  |  |  |  |
| Regulated Asbestos-containing Material (RACM) |  |  |  |  |  |  |  |
| Non-RACM |  |  |  |  |  |  |  |
| Dead Animals |  |  |  |  |  |  |  |
| Sludge |  |  |  |  |  |  |  |
| Grease Trap Waste |  |  |  |  |  |  |  |
| Septage |  |  |  |  |  |  |  |
| Contaminated soil |  |  |  |  |  |  |  |
| Tires (split, quartered, shredded) |  |  |  |  |  |  |  |
| Pesticides |  |  |  |  |  |  |  |
| Used Oil Filter |  |  |  |  |  |  |  |
| Other (identify other types reported as ***Attachment III.B.***) |  |  |  |  |  |  |  |
| Total |  |  |  |  |  |  |  |
| **Check box if additional details provided in *Attachment III.B.*** | | | | | | | |

## III.C. Description of Current and Planned Solid Waste Management Activities

[Ref. 30 TAC §330.643(a)(3)(C)]

In the tables, provide the current and planned solid waste management activities in the region with a description. Solid waste management activities should focus on data, activities, and resources within the planning area. Refer to Regional Plan Instructions for more information on III.C. Description of Current and Planned Solid Waste Management Activities in the Region.

Table III.C.I. Current Solid Waste Management Activities in the Region

| **Activity** | **Description** |
| --- | --- |
| Generation | Provide a description of the current solid waste management activity. |
| Source Separation | Provide a description of the current solid waste management activity. |
| Collection | Provide a description of the current solid waste management activity. |
| Handling | Provide a description of the current solid waste management activity. |
| Storage | Provide a description of the current solid waste management activity. |
| Transportation | Provide a description of the current solid waste management activity. |
| Processing | Provide a description of the current solid waste management activity. |
| Treatment | Provide a description of the current solid waste management activity. |
| Resource Recovery | Provide a description of the current solid waste management activity. |
| Disposal of Solid Waste | Provide a description of the current solid waste management activity. |

Table III.C.II. Planned Solid Waste Management Activities in the Region

| **Activity** | **Description** |
| --- | --- |
| Generation | Provide a description of the planned solid waste management activity. |
| Source Separation | Provide a description of the planned solid waste management activity. |
| Collection | Provide a description of the planned solid waste management activity. |
| Handling | Provide a description of the planned solid waste management activity. |
| Storage | Provide a description of the planned solid waste management activity. |
| Transportation | Provide a description of the planned solid waste management activity. |
| Processing | Provide a description of the planned solid waste management activity. |
| Treatment | Provide a description of the planned solid waste management activity. |
| Resource Recovery | Provide a description of the planned solid waste management activity. |
| Disposal of Solid Waste | Provide a description of the planned solid waste management activity. |
| **Check box if additional information of solid waste management activities is provided as *Attachment III.C.*** | |

## III.D. Description and Assessment of the Adequacy of Existing Solid Waste Management Facilities & Practices, and Household Hazardous Waste Programs

[Ref. 30 TAC §330.643(a)(3)(D)]

In the table, identify if specific waste management facilities, practices, and programs are adequate in the region. Provide an assessment and description of activities that are inadequate in Attachment III.D. Refer to Regional Plan Instructions for more information on III.D. Description and Assessment of the Adequacy of Existing Solid Waste Management Facilities and Practice, and Household Hazardous Waste Programs.

Table III.D.I. Adequacy of Existing Facilities and Practices

| **Program** | **Facility Adequacy** | **Practices Adequacy** |
| --- | --- | --- |
| Resource Recovery | Yes  No, description of facility inadequacy provided in ***Attachment III. D.*** | Yes  No, description of practice inadequacy provided in ***Attachment III. D.*** |
| Storage | Yes  No, description of facility inadequacy provided in ***Attachment III. D.*** | Yes  No, description of practice inadequacy provided in ***Attachment III. D.*** |
| Transportation | Yes  No, description of facility inadequacy provided in ***Attachment III. D.*** | Yes  No, description of practice inadequacy provided in ***Attachment III. D.*** |
| Treatment | Yes  No, description of facility inadequacy provided in ***Attachment III. D.*** | Yes  No, description of practice inadequacy provided in ***Attachment III. D.*** |
| Disposal | Yes  No, description of facility inadequacy provided in ***Attachment III. D.*** | Yes  No, description of practice inadequacy provided in ***Attachment III. D.*** |
| Household Hazardous Waste Collection | Yes  No, description of facility inadequacy provided in ***Attachment III. D.*** | Yes  No, description of practice inadequacy provided in ***Attachment III. D.*** |
| Household Hazardous Waste Disposal | Yes  No, description of facility inadequacy provided in ***Attachment III. D.*** | Yes  No, description of practice inadequacy provided in ***Attachment III. D.*** |

## III.E. Assessment of Current Source Reduction and Waste Minimization Efforts, Including Sludge, and Efforts to Reuse or Recycle Waste

[Ref. 30 TAC §330.643(a)(3)(E)]

Refer to Regional Plan Instructions for more information on III.E. Assessment of Current Source Reduction and Waste Minimization Efforts, Including Sludge, and Efforts to Reuse or Recycle Waste.

Assessment of current source reduction and minimization efforts, including activities to reduce sludge, and efforts to reuse or recycle waste is provided as ***Attachment III.E.***

## III.F. Identification of Additional Opportunities for Source Reduction and Waste Minimization, and Reuse or Recycling of Waste

[Ref. 30 TAC §330.643(a)(3)(F)]

In the table, identify new and additional opportunities for source reduction and waste minimization, including waste reuse or recycling programs. Add or remove rows as needed. Refer to Regional Plan Instructions for more information on III.F. Identification of Additional Opportunities for Source Reduction and Waste Minimization, and Reuse or Recycling of Waste.

Table III.F.I Additional Opportunities for Source Reduction and Waste Minimization, Reuse and Recycling of Waste

| **Category of Activity (Source Reduction and Waste Minimization, Reuse or Recycling of Waste)** | **Opportunity Name** | **Brief Description** |
| --- | --- | --- |
| Enter the category of the activity. | Enter the name of the opportunity. | Enter a brief description of the additional opportunity for source reduction and waste minimization, and reuse or recycling of waste. |
| Enter the category of the activity. | Enter the name of the opportunity. | Enter a brief description of the additional opportunity for source reduction and waste minimization, and reuse or recycling of waste. |
| Enter the category of the activity. | Enter the name of the opportunity. | Enter a brief description of the additional opportunity for source reduction and waste minimization, and reuse or recycling of waste. |
| Enter the category of the activity. | Enter the name of the opportunity. | Enter a brief description of the additional opportunity for source reduction and waste minimization, and reuse or recycling of waste. |
| Enter the category of the activity. | Enter the name of the opportunity. | Enter a brief description of the additional opportunity for source reduction and waste minimization, and reuse or recycling of waste. |
| **Check box if additional information of opportunities and source reduction and waste minimization, reuse and recycling of waste is provided in *Attachment III. F.*** | | |

## III.G. Recommendations for Encouraging and Achieving a Greater Degree of Source Reduction and Waste Minimization, and Reuse or Recycling of Waste

[Ref. 30 TAC §330.643(a)(3)(G)]

In the table, provide a list of recommendations for encouraging and achieving a great degree or source reduction and waste minimization, and reuse and recycling of waste in the planning region. Add or remove rows as needed.

Table III.G.I. Recommendations for Greater Source Reduction and Waste Minimization, and Reuse or Recycling of Waste

|  |
| --- |
| Enter a description of the recommendation. Number the recommendations starting with #1 in this row. |
| Enter a description of the recommendation. |
| Enter a description of the recommendation. |
| Enter a description of the recommendation. |
| Enter a description of the recommendation. |
| Enter a description of the recommendation. |
| Enter a description of the recommendation. |
| **Check box if additional details are provided in *Attachment III.G.*** |

## III.H. Identification of Public and Private Management Agencies and Responsibilities

[Ref. 30 TAC §330.643(a)(3)(H)]

A list of public and private solid waste management agencies and their responsibilities that affect and impact solid waste management in the planning region is provided as ***Attachment III.H***.

## III.I. Identification of Solid Waste Management Concerns and Establishment of Priorities for Addressing Those Concerns

[Ref. 30 TAC §330.643(a)(3)(I)]

In the table, list solid waste management concerns for the planning area and the priorities to address those concerns. Add or remove rows as needed.

Table III.I.I Solid Waste Management Concerns and Priorities

| **Solid Waste Management Concern** | **Priorities to Address the Concern** |
| --- | --- |
| Enter a description of the solid waste management concern. | Enter a description of the priorities to address the concern. |
| Enter a description of the solid waste management concern. | Enter a description of the priorities to address the concern. |
| Enter a description of the solid waste management concern. | Enter a description of the priorities to address the concern. |
| Enter a description of the solid waste management concern. | Enter a description of the priorities to address the concern. |
| Enter a description of the solid waste management concern. | Enter a description of the priorities to address the concern. |
| Enter a description of the solid waste management concern. | Enter a description of the priorities to address the concern. |
| **Check box if additional details are provided in *Attachment III.I*** | |

## III.J. Planning Areas and Agencies with Common Solid Waste Management Concerns that Could be Addressed Through Joint Action

[Ref. 30 TAC §330.643(a)(3)(J)]

In the table below, list planning areas and agencies that may provide solutions and support to the established priorities for the concerns identified in III. I. Add or remove rows as needed.

Table III.J.I Planning Areas and Agencies with Common Solid Waste Management Concerns

| **Solid Waste Management Concern** | **Names of Planning Areas and Agencies that Could Address the Concern via Joint Action(s)** |
| --- | --- |
| Enter a description of the solid waste management concern identified in Section III.I. | Provide the name of the planning areas and agencies that may provide solutions and support to established priorities. |
| Enter a description of the solid waste management concern identified in Section III.I. | Provide the name of the planning areas and agencies that may provide solutions and support to established priorities. |
| Enter a description of the solid waste management concern identified in Section III.I. | Provide the name of the planning areas and agencies that may provide solutions and support to established priorities. |
| Enter a description of the solid waste management concern identified in Section III.I. | Provide the name of the planning areas and agencies that may provide solutions and support to established priorities. |

## III.K. Identification of Incentives and Barriers for Source Reduction and Waste Minimization, and Resource Recovery, Including Identification of Potential Markets

[Ref. 30 TAC §330.643(a)(3)(K)]

In the table, identify incentives and barriers for source reduction and waste minimization and resource recovery including potential markets and strategies. Describe incentives and barriers impacting source reduction and waste minimization, and resource recovery. Identify public and private incentives and markets available to assist in meeting goals and objectives. Add or remove rows as needed for each section. Refer to Regional Plan Instructions for more information on III.K. Identification of Incentives and Barriers for Source Reduction and Waste Minimization, and Resource Recovery, Including Identification of Potential Markets.

Table III.K.I Incentives and Barriers for Source Reduction and Waste Minimization, and Resource Recovery

|  |  |
| --- | --- |
| **Source Reduction and Waste Minimization** | |
| Identify incentives for source reduction and waste minimization. | Enter a description of the incentives for source reduction and waste minimization. |
| Identify barriers to source reduction and waste minimization. | Enter a description of the barriers identified for source reduction and waste minimization. |
| **Resource Recovery** | |
| Identify incentives for resource recovery. | Enter a description of the incentives identified for resource recovery. |
| Identify barriers to resource recovery. | Enter a description of the barriers identified for resource recovery. |
| **Potential Markets** | |
| Enter the name of the potential market. | Enter a description of the potential market identified. |
| Enter the name of the potential market. | Enter a description of the potential market identified. |

## III.L. Regional Goals and Objectives, Including Waste Reduction Goals

[Ref. 30 TAC §330.643(a)(3)(L)]

In the table, list the regional goals and corresponding objectives for the proper management of solid waste in the planning region. Identify the timetable for achieving each goal and objective using the established planning periods. Add rows as needed. The regional goals and objectives listed should match the goals and objectives provided in Volume I, per 30 TAC §330.635(A)(2)(A).

Table III.L.I Regional Goals and Objectives

|  |  |
| --- | --- |
| **Goal #1** **Enter the first goal identified in Volume I.** | **Objective 1.A.** Enter Objective 1.A. for the first goal identified in Volume I.  **Objective 1.B.** Enter Objective 1.B. for the first goal identified in Volume I.  **Additional Objectives** Enter and number additional objectives for the first goal identified in Volume I. |
| **Goal #2 Enter the second goal identified in Volume I.** | **Objective 2.A.** Enter Objective 2.A. for the second goal identified in Volume I.  **Objective 2.B.** Enter Objective 2.B. for the second goal identified in Volume I.  **Additional Objectives** Enter and number additional objectives for the second goal identified in Volume I. |
| **Additional Goals Enter and number additional goals identified in Volume I. Add rows as needed to capture all goals identified in Volume I.** | **Objective X.A.** Enter Objective X.A. for the second goal identified in Volume I.  **Objective X.B.** Enter Objective X.B. for the second goal identified in Volume I.  **Additional Objectives** Enter and number additional objectives for the goals identified in Volume I. |

## III.M. Advantages and Disadvantages of Alternative Actions

[Ref. 30 TAC §330.643(a)(3)(M)]

|  |  |
| --- | --- |
| **Are alternative actions being considered in this plan for the regional area?** | □ **Yes.** Provide details in ***Attachment III.M***.  □ **No.** No further action required. |

## III.N. Recommended Plan of Action and Associated Timetable for Achieving Specific Goals and Objectives

[Ref. 30 TAC §330.643(a)(3)(N)]

In the table, provide the plan of action and anticipated timetable for achieving the goals and objectives identified in Section III.L. Identify and describe action plans, the corresponding timetables and, where available, implementation milestones. Include brief descriptions of action plans, timetables, and milestones. Milestone dates may include specific years or planning periods; short-term planning period (1-5 years), intermediate planning period (6-10 years), and/or long-range planning period (11-20 years or longer). Refer to Regional Plan Instructions for more information on III.N. Recommended Plan of Action and Timetable for Achieving Regional Goals and Objectives, Including Specified Goals and Objectives.

Table III.N.I Plan of Action and Timetable for Achieving Specific Goals and Objectives

| **Goal/Objective** | **Plan of Action** | **Milestone Dates** |
| --- | --- | --- |
| Waste Reduction |  |  |
| Composting Programs for Yard Wastes and Related Organic Wastes |  |  |
| Household Hazardous Waste Collection and Disposal Programs |  |  |
| Public Education Programs |  |  |
| The Need for New or Expanded Facilities and Practices |  |  |
| **Check box if additional details are provided in *Attachment III.N.*** | | |

## III.O. Identification of the Process that Will be Used to Evaluate Whether a Proposed Municipal Solid Waste Facility Application Will be in Conformance with the Regional Plan

[Ref. 30 TAC §330.643(a)(3)(O)]

The process that will be used to evaluate whether a proposed municipal solid waste facility application will be in conformance with the regional plan is identified in ***Attachment III.O***.

# Section IV. Required Approvals

Table IV.I Required Approvals

|  |  |
| --- | --- |
| **Solid Waste Advisory Committee** | Enter approval date by the Solid Waste Advisory Committee. |
| **Public Meeting Dates** | Enter dates of public meetings. |
| **Executive Committee** | Enter approval date by the Executive Committee. |

Check box if local government and jurisdiction resolutions, and letters of support are included in **Attachment IV.A**.

Public notice, agenda, public comments, and the transcript of the required public meeting are included as **Attachment IV.B**.