



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Municipal Solid Waste in Texas: A Year in Review

2023 Data Summary and Analysis

Municipal Solid Waste in Texas: A Year in Review

2023 Data Summary and Analysis

Prepared by
Waste Permits Division

AS-187/24

This and earlier annual summaries are available at
www.tceq.texas.gov/goto/mswsummary



Jon Niermann, *Chairman*
Bobby Janecka, *Commissioner*
Catarina R. Gonzales, *Commissioner*

Kelly Keel, *Executive Director*

We authorize you to use or reproduce any original material contained in this publication—that is, any material we did not obtain from other sources. Please acknowledge TCEQ as your source.

Copies of this publication are available for public use through the Texas State Library, other state depository libraries, and the TCEQ Library, in compliance with state depository law. For more information on TCEQ publications visit our website at:

tceq.texas.gov/publications

Published and distributed
by the
Texas Commission on Environmental Quality
P.O. Box 13087
Austin TX 78711-3087

TCEQ is an equal opportunity employer. The agency does not allow discrimination on the basis of race, color, religion, national origin, sex, disability, age, sexual orientation or veteran status. In compliance with the Americans with Disabilities Act, this document may be requested in alternate formats by contacting TCEQ at 512-239-0010 or 1-800-RELAY-TX (TDD), or by writing P.O. Box 13087, Austin, TX 78711-3087.

How is our customer service? tceq.texas.gov/customersurvey

Contents

Executive Summary	1
Key Data About Texas Municipal Solid Waste Facilities in 2023.....	2
Waste Information.....	3
Waste Managed by MSW Facilities	3
Facility Information.....	5
Landfills (Disposal Facilities)	5
Landfills Reporting.....	6
Processing Facilities	8
Reporting by Processing Facilities	9
Other Information About Landfills and Processing Facilities	10
Disposal Information	13
Waste Types	13
Imported Waste.....	14
Landfill Capacity Information.....	17
Per Capita Disposal Rate.....	17
Landfill Capacity	19
Growth and Attrition	19
Statewide Distribution.....	19
Trends	25
Active Landfills	25
Reserve Capacity.....	25
Landfill Size	28
Counties Served	29
Materials Diverted from Disposal at MSW Landfills	33
Overview	33
Electronics	33
Scrap Tires.....	34
Other Diverted Materials.....	34
Facility Data for MSW Landfills.....	37
Facility Data for MSW Processing Facilities	71
Facility Data for MSW Facilities Recovering Landfill Gas for Beneficial Use	107
Waste and Material Type Descriptions	113
Reporting Period and Requirements, and Data Sources.....	117

Figures

Figure 1. Landfills by Facility Type (2023).....	6
Figure 2. Active Texas MSW Landfills (2023).....	7
Figure 3. Types and Amounts of Waste Disposed in MSW Landfills (2023)	13
Figure 4. Texas MSW Landfill Disposal Tons and Per Capita Disposal Rate (2019-2023)	17
Figure 5. Texas MSW Landfill Disposal Tons and Per Capita Disposal Rate	18
Figure 6. Texas Councils of Governments.....	21
Figure 7. Number of MSW Landfills and Reserve Capacity Years (2019-2023)	26
Figure 8. Number of MSW Landfills and Reserve Capacity Years.....	27

Tables

Table 1. Active MSW Processing Facilities (2023).....	9
Table 2. TCEQ Municipal Solid Waste Fee Rates.....	10
Table 3. MSW Landfills Accepting Class 1 Waste (2023)	14
Table 4. Types and Amounts of Waste Disposed in MSW Landfills (2023).....	15
Table 5. Disposal Amount and Remaining Capacity by Landfill Type (2023)	19
Table 6. Disposal and Capacity Data for Texas COG Regions (2023).....	22
Table 7. Historical Disposal and Capacity Data for Texas MSW Landfills.....	23
Table 8. Permitted Heights for MSW Landfills (2023, Excludes Monofills)	28
Table 9. Number of Texas Counties Served by MSW Landfills (2023).....	29
Table 10. Number of Active MSW Landfills by County (2023)	30
Table 11. Types and Amounts of Diverted Materials (2023).....	35

Executive Summary

Municipal solid waste (MSW) consists of everyday items that are thrown away, such as product packaging, yard trimmings, furniture, clothing, bottles and cans, food scraps, newspapers, and appliances. Sources of MSW include residential waste, as well as waste from commercial and institutional locations, such as restaurants, grocery stores, businesses, schools, and hospitals.

Active MSW facilities in Texas must submit annual reports regarding their waste operations. These reports provide information about operational and ownership status, types and amount of waste handled, and remaining landfill capacity. The Texas Commission on Environmental Quality (TCEQ) compiles acquired data in this annual summary. Individual facility reports are available online through the TCEQ Central Registry website. Instructions for searching landfill data in Central Registry are presented in the section *Facility Data for MSW Landfills*.

Overview of Fiscal Year 2023 Data

In fiscal year 2023 (Sept. 1, 2022 through Aug. 31, 2023), there were 201 active MSW landfills with a total of 40,105,817 tons of waste disposed. The estimated statewide remaining landfill disposal capacity was about 50 years. Although remaining capacity was not evenly distributed, each area of the state had an adequate reserve of MSW landfill capacity, as presented in Table 6. The Ark-Tex Area Council of Governments (COG) region (ATCOG 5) had the highest amount of reserve capacity at 176 years and the Concho Valley COG region (CVCOG 10) had the lowest amount at 19 years.

MSW processing facilities managed 9,103,133 million tons of waste and compost facilities processed 892,191 tons of organic material in 2023. Waste-to-energy facilities generated and sold 176,741,066 million kilowatt hours (kWh) of power.

In 2023, over 1,796,051 million tons of materials were reported as diverted from MSW facilities for recycling or reuse. Transfer stations diverted the most recyclable materials.



There were **201 active**
MSW landfills with a



total of **40,105,817 tons**
of waste disposed.

Key Data About Texas Municipal Solid Waste Facilities in 2023

Landfills

Landfill Information	Total
Type I	99
Type IAE	21
Type IV	23
Type IVAE	18
Type IAE & IVAE	28
Monofill	12
Total Tons of Waste Disposed	40,105,817
Statewide Remaining Landfill Capacity (Years)	50

Processors

Processor Information	Total
Autoclave (5AC)	10
Liquid waste processor (5GG)	29
Medical waste processor (5MW)	9
Medical waste transfer station (5MWTS)	12
Liquid waste transfer station (5TL)	4
Transfer station (5TS)	103
Waste incinerator (5WI)	3
Compost (5RC)	21
Total Tons of Waste Processed (Tons)	9,995,324

Landfill Gas (LFG) Recovery for Beneficial Use

LFG Information	Total
Landfill gas recovery (9GR)	29
Gas Processed (ft ³)	37,005,939,742
Gas Distributed Off-site (ft ³)	22,649,158,962
Power Generated and Sold (kWh)	159,121,079
Power Generated and Used On-site (kWh)	17,619,987

Waste Information

Waste Managed by MSW Facilities

MSW definition

The Texas definition of MSW in Title 30 of the Texas Administrative Code (30 TAC), Chapter 330 (Municipal Solid Waste), Subchapter A (General Information), is *“solid waste resulting from or incidental to municipal, community, commercial, institutional, and recreational activities, including garbage, rubbish, ashes, street cleanings, dead animals, abandoned automobiles, and all other solid waste other than industrial solid waste.”*

The Texas definition of MSW is more encompassing than the definition used by the U.S. Environmental Protection Agency (EPA) and some states. The Texas definition includes sludge from municipal wastewater treatment plants and construction or demolition waste, whereas the EPA definition does not. Therefore, the Texas per capita disposal rate may be higher than those of other states because of the broader range of waste types counted as MSW in Texas.

In Texas, wastes are classified first by their source (the generator of a waste), and then the constituents in or properties of the waste. Retailers, repair services, and the public are municipal generators; manufacturers are industrial generators.

Nonhazardous industrial solid waste definition

Industrial solid waste is defined and regulated under 30 TAC Chapter 335 (Industrial Solid Waste and Municipal Hazardous Waste). Industrial and municipal wastes may be classified as hazardous or nonhazardous. MSW facilities may not accept regulated hazardous waste. However, in certain circumstances MSW facilities may accept nonhazardous industrial solid wastes. Nonhazardous industrial solid wastes are defined by classes.

- **Class 1:** Nonhazardous industrial solid waste that, based on its constituents and properties, may pose a substantial danger to human health or the environment if it is not properly managed. There are special handling and permitting requirements for Class 1 nonhazardous industrial solid wastes (Class 1 waste) at MSW landfills. An example of Class 1 waste could be industrial sludge containing metals or organics.
- **Class 2:** Nonhazardous industrial solid waste that cannot be described as hazardous, Class 1, or Class 3. Empty aerosol cans from an industrial facility are an example of Class 2 waste.
- **Class 3:** Inert and essentially insoluble nonhazardous industrial solid wastes that do not readily decompose, such as bricks or concrete from an industrial facility.

Facility Information

MSW facilities in Texas are classified according to the method of processing or disposal (30 TAC Section 330.5).

Landfills (Disposal Facilities)

This section provides a summary of MSW landfill types (Figure 1), activity, and remaining capacity.

Type I landfill

A Type I landfill is the standard landfill for MSW disposal in Texas. In 2023, there were 99 Type I landfills, accounting for 49% of all active landfills, about 89% of the total waste disposed, and 93% of the total statewide remaining capacity.

Type IV landfill

A Type IV landfill only accepts brush, construction or demolition waste, and other similar nonhousehold or nonputrescible waste (i.e., organic waste that decomposes without causing odors or attracting pests). In 2023, there were 23 Type IV landfills, accounting for 11% of all active landfills, 10% of the total waste disposed, and 6% of the total statewide remaining capacity. These landfills were not distributed evenly across the state (Figure 2); approximately 61% (14 landfills) were in the Houston-Galveston Area Council region (H-GAC 16).

Arid-exempt (AE) landfill

Type I and Type IV landfills in relatively dry parts of the state may be permitted as arid-exempt (AE) landfills. These landfills are exempt from liner and groundwater monitoring requirements and have limited waste acceptance rates, per 30 TAC Subsection 330.5(b). In 2023, there were 67 AE landfills, accounting for approximately 33% of all active landfills, 1% of the total waste disposed, and 1.3% of the total statewide remaining capacity.

Monofill

Beginning in 2013, counties or municipalities with 12,000 or fewer people could obtain a renewable five-year permit by rule under 30 TAC Subsection 330.7(i) to dispose of demolition waste from properties with nuisance or abandoned buildings. These disposal facilities must be owned or controlled by a county or municipality. In 2023, there were 12 monofills, accounting for 6% of all active landfills.

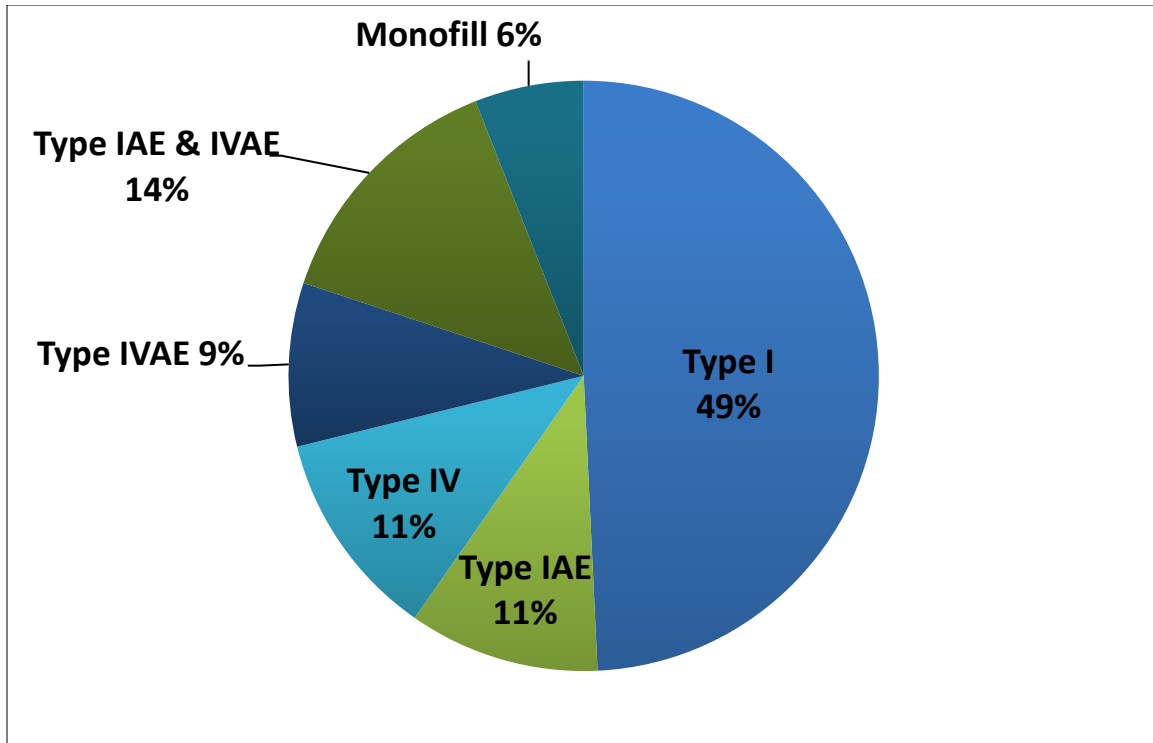


Figure 1. Landfills by Facility Type (2023)

Landfills Reporting

There were 201 permitted MSW landfills actively accepting and managing waste (Figure 2) in 2023. All active facilities submitted reports.

Facility data for the 2023 active landfills are presented in the *Facility Data for MSW Landfills* section of this report. Information from annual reports for landfills is also available online through the TCEQ [Central Registry](https://www.tceq.texas.gov/goto/cr-searchid)¹. Instructions for searching landfill data in Central Registry are presented in the *Facility Data for MSW Landfills* section.

¹ www.tceq.texas.gov/goto/cr-searchid

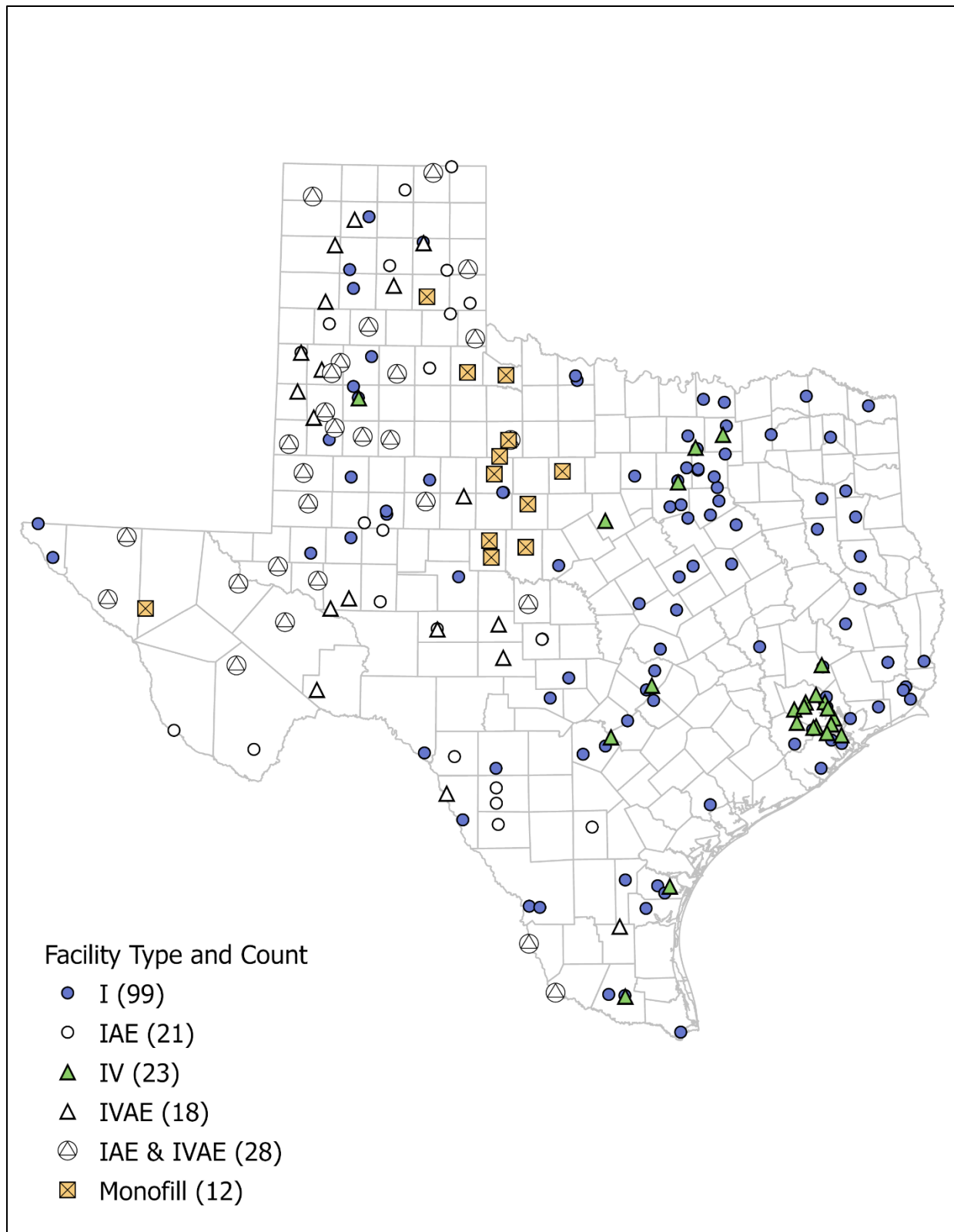


Figure 2. Active Texas MSW Landfills (2023)

Processing Facilities

This section provides a summary of MSW processing facility types and activities in 2023. Compost facilities do not process waste, as defined for Type V facilities, but are counted as processing facilities for this report.

Type V facility

Type V facilities store or process MSW and authorized nonhazardous industrial wastes. Processing includes transfer, incineration, shredding, grinding, baling, salvaging, separation, dewatering, or reclamation of MSW. Type V facilities may be authorized by permit. However, certain Type V facilities may qualify for authorization by registration if specific requirements are met. For example, a Type V transfer station that includes a material recovery operation and recovers at least 10% (by weight) of the incoming waste stream for reuse or recycling would qualify for a registration.

Facilities accepting off-site medical waste are only required to be authorized by registration per 30 TAC Chapter 326 (Medical Waste Management) rules. In 2023, there was less than a 1% increase in medical waste processed compared to 2022.

In 2023, Type V facilities processed about 9.1 million tons of waste, representing about a 4% increase from the amount processed in 2022.

Type IX facility

A Type IX facility is an energy, material, gas recovery for beneficial use, or landfill mining facility located within or adjacent to an active or closed landfill or an inactive portion of a landfill. These facilities are used for extracting materials for energy and material recovery or for gas recovery for beneficial use. These facilities are authorized by registration. Type IX facilities do not process waste, as defined for Type V facilities, but they are classified as processing facilities by rule. In 2023, estimated totals for Type IX facilities recovering landfill gas for beneficial use were:

- 37 billion cubic feet of gas processed;
- 23 billion cubic feet of gas distributed off-site;
- 159 million kilowatt hours of power generated and sold; and
- 18 million kilowatt hours of power generated and used on-site.



60 billion cubic feet
of gas processed



177 million kilowatt hours
of power generated

Compost facility

A compost facility processes organic material that is diverted from a waste stream. Owners or operators of compost facilities are required to obtain a registration or permit unless they qualify for a notification authorization or are exempt from notifying TCEQ. Composting operations at MSW landfills may be authorized under the landfill permit.

Annual reports are required for registered and permitted composting operations. In 2023, there were 892,191 tons of organic material composted as reported by five permitted MSW landfills and 21 permitted or registered compost facilities.

Reporting by Processing Facilities

MSW processing facilities are differentiated by subtypes in MSW records by a number followed by letters. For example, “5GG” designates a Type V processing facility for grease trap waste, grit trap waste, or septage, or a combination of these three liquid wastes. For 2023, MSW records indicated that there were 220 active permitted, or registered MSW processing facilities: 170 Type V, 21 compost, and 29 Type IX gas recovery. All active processing facilities submitted annual reports. Table 1 provides the breakdown of the subtypes and number of active processing facilities for 2023.

Table 1. Active MSW Processing Facilities (2023)

Facility Type	Permitted	Registered
Autoclave (5AC)	2	8
Liquid waste processor (5GG)	22	7
Medical waste processor (5MW)	1	8
Medical waste transfer station (5MWTS)	0	12
Liquid waste transfer station (5TL)	0	4
Transfer station (5TS)	37	66
Waste incinerator (5WI)	2	1
Compost (5RC)	8	13
Landfill gas recovery (9GR)	2	27
Total	74	146

Facility data for the permitted or registered Type V processing facilities and composting facilities that were active in 2023 are presented in the *Facility Data for MSW Processing Facilities* section of this report.

Facility data for the Type IX facilities recovering landfill gas for beneficial use in 2023 are presented in the *Facility Data for MSW Facilities Recovering Landfill Gas for Beneficial Use* section of this report.

Information from annual reports for Type V, compost, and Type IX facilities is also available online through the TCEQ [Central Registry](#)². Instructions for searching processor data in Central Registry are presented in the *Facility Data for MSW Processing Facility* and *Facility Data for MSW Facilities Recovering Landfill Gas for Beneficial Use* sections.

Other Information About Landfills and Processing Facilities

Use of scales

Operators for 80% of the MSW landfills (excluding monofills) and 60% of the Type V processing facilities and composting facilities reported using scales to measure all or some of their accepted waste or feedstock material in 2023. The facilities that did not report using scales measured accepted waste or feedstock material by estimated volume (i.e., cubic yards).

Texas municipal solid waste fee

Title 5 (Sanitation and Environmental Quality), Subsection 361.013(a) of the Texas Health and Safety Code requires TCEQ to charge a fee on all solid waste disposed within the state. Current TCEQ MSW fee rates for waste received for disposal by MSW landfills and processors are presented in Table 2. Operators of MSW landfills and processing facilities that accept Class 1 nonhazardous industrial waste also pay commercial Class 1 waste management fees.

Table 2. TCEQ Municipal Solid Waste Fee Rates

Unit of Measure	Landfills	Processors for Disposal (includes incinerators, composters, shredders, and similar facilities)
Ton	\$0.94 per ton	\$0.47 per ton
Cubic yard (compacted)	\$0.30 per cubic yard	\$0.15 per cubic yard
Cubic yard (uncompacted)	\$0.19 per cubic yard	\$0.095 per cubic yard

² www.tceq.texas.gov/goto/cr-searchid

MSW facility tipping fees

MSW landfill and applicable processing facility operators collect the required MSW disposal fee as part of the tipping fee they charge their customers. Tipping fees are established by each facility operator and are based on weight or volume, depending upon the type of waste and method of delivery to the facility.

In 2023, the average statewide tipping fees charged by MSW landfills were:

- \$42.86 per ton, with 145 facilities reporting;
- \$14.46 per compacted cubic yard, with 21 facilities reporting; and
- \$14.52 per uncompacted cubic yard, with 57 facilities reporting.

In 2023, the average statewide tipping fees charged by MSW processing facilities were:

- \$55.14 per ton, with 75 facilities reporting;
- \$22.55 per compacted cubic yard, with 13 facilities reporting;
- \$21.29 per uncompacted cubic yard, with 36 facilities reporting;
- \$1.54 per gallon, with 35 facilities reporting; and
- \$0.99 per pound, with 19 facilities reporting.

Facility ownership and related disposal and capacity information

Most MSW facilities in Texas are publicly owned by government entities such as cities and counties. Corporations and other types of privately held companies own the remainder.

Landfills

In 2023, of the 201 active landfills, 65% (131) were publicly owned. These facilities accepted about 35% of the total waste disposed and accounted for 42% of the statewide total remaining capacity. Approximately 48% of the publicly owned landfills were arid-exempt facilities with limited waste acceptance rates.

Processing Facilities

In 2023, of the 191 active Type V processing facilities and composting facilities, 40% (77) were publicly owned. Of the 29 active Type IX facilities recovering landfill gas for beneficial use, one was publicly owned.

Disposal Information

Waste Types

The majority of MSW disposed in Texas is residential and commercial waste; however, landfill operators have difficulty in estimating the amounts received for each waste type. For this annual summary, residential and commercial wastes are combined and referred to as “municipal” waste. In 2023, municipal waste accounted for approximately 62% of the 40.1 million tons of waste disposed at MSW landfills. Construction or demolition waste, the second largest waste type, accounted for approximately 23%. The types and estimated amounts of waste disposed in Texas MSW landfills in 2023 are illustrated in Figure 3 and listed in Table 4. Waste types listed in Table 4 are described in the *Waste and Material Type Descriptions* section of this report.

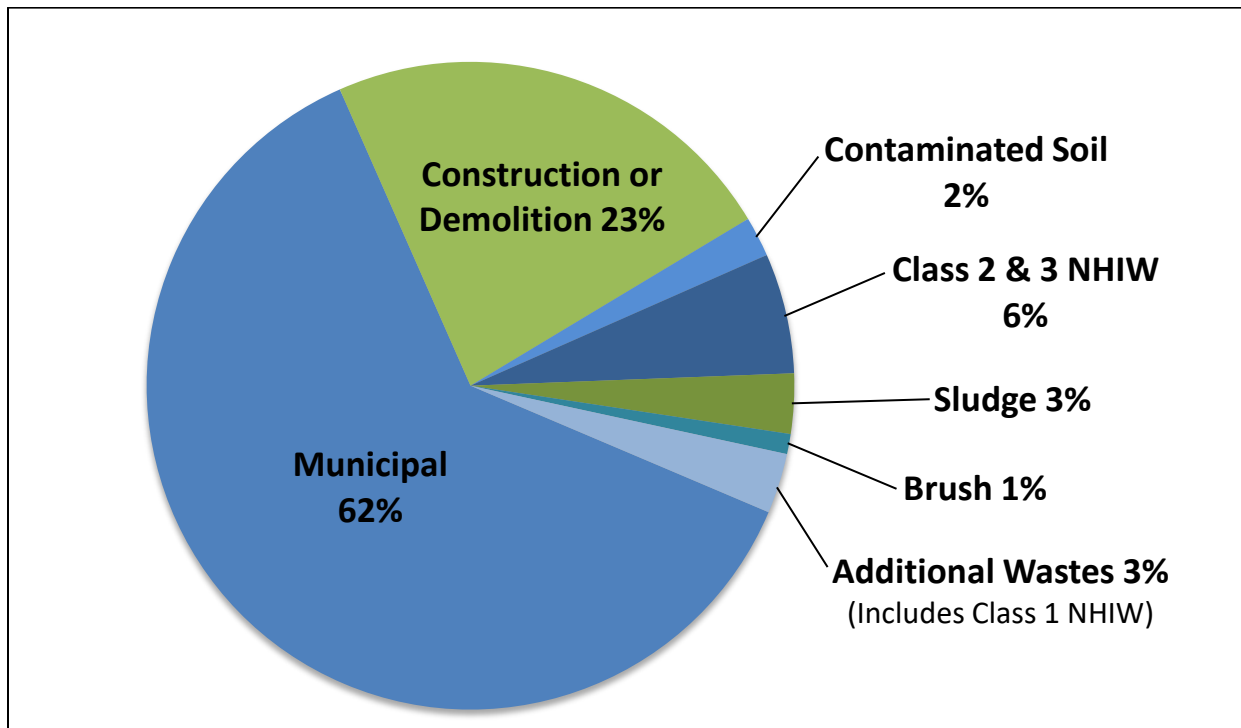


Figure 3. Types and Amounts of Waste Disposed in MSW Landfills (2023)

Most MSW facilities may accept Class 2 and Class 3 nonhazardous industrial wastes. Class 1 nonhazardous industrial waste, other than wastes that are Class 1 only because of asbestos content, may be accepted at MSW landfills with dedicated cells that are designed according to 30 TAC Subsection 330.331(e). MSW landfills with dedicated Class 1 waste cells that reported accepting Class 1 waste in 2023 are listed in Table 3.

Table 3. MSW Landfills Accepting Class 1 Waste (2023)

Permit	Landfill Name	Landfill Type	County
1410C	Tessman Road Landfill	1	Bexar
2093B	Covel Gardens Landfill	1	Bexar
1539C	Seabreeze Environmental Landfill	1	Brazoria
2158	Odessa Landfill	1	Ector
1505A	Blue Ridge Landfill	1	Fort Bend
2270	Fort Bend Regional Landfill	1	Fort Bend
1721A	Coastal Plains Recycling and Disposal Facility	1	Galveston
2348	La Gloria Ranch Landfill	1	Hidalgo
241D	Itasca Landfill	1	Hill
2027	BFI Golden Triangle Landfill	1	Jefferson
1417C	Turkey Creek Landfill	1	Johnson
1469A	Abilene Landfill	1	Jones
2325	Abilene Environmental Landfill	1	Jones
2242A	Western Waste of Texas Newton Complex	1	Newton
1663C	Southwest Landfill TX	1	Randall
797B	Pleasant Oaks Landfill	1	Titus

Imported Waste

In 2023, less than 1% of waste disposed in the state's MSW landfills was generated from outside the state. Three landfills accepted waste from Mexico, representing a total of 2,505 tons. Nine landfills accepted waste imported from Arkansas, Illinois, Louisiana, New Mexico, or Oklahoma representing a total of 239,089 tons. There is no requirement for reporting the amount of MSW exported out of Texas.

Table 4. Types and Amounts of Waste Disposed in MSW Landfills (2023)

Waste Type	Number of Landfills Accepting Waste Type	Tons Disposed	Percent of Total Tons Disposed
Municipal	144	24,872,466	62.02
Brush	49	484,195	1.21
Construction or Demolition	161	9,055,968	22.58
Litter	7	4,995	0.01
Class 1 Nonhazardous Industrial Waste (NHIW)	18	572,059	1.43
Classes 2 and 3 NHIW	64	2,434,760	6.07
Incinerator Ash	9	11,318	0.03
Treated Medical Waste	14	46,160	0.12
Municipal Hazardous Waste from Conditionally Exempt Small Quantity Generators (Municipal CESQG)	0	0	0
Regulated Asbestos-Containing Material (RACM)	24	11,840	0.03
Non-RACM	47	74,060	0.18
Dead Animals or Slaughterhouse Waste	78	25,810	0.06
Sludge	83	1,273,830	3.18
Grease Trap Waste	9	2,537	0.01
Grit Trap Waste	22	14,742	0.04
Septage	4	12,517	0.03
Contaminated Soil	44	875,478	2.18
Tires ³	30	80,147	0.20
Pesticides	0	0	0
Used Oil Filters	2	1,965	0.00
Other	32	250,970	0.63
Total	Not Applicable	40,105,817	100

³ Only tires that have been split, quartered, or shredded may be disposed in a landfill.

Landfill Capacity Information

Per Capita Disposal Rate

The per capita disposal rate for 2023 was 7.20 pounds per person per day. This rate is based on the total amount of waste disposed (40.1 million tons) and the state's 2023 population estimate of 30,503,301 people. The 2023 rate was less than the 2022 rate of 7.25 pounds, representing a 0.69% per capita disposal rate decrease for 2023. During this period, the state's population increased 1.58%.



As discussed in the *Waste Information* section of this report, the Texas definition of MSW includes construction or demolition waste and sludge from municipal wastewater treatment plants. To provide a more complete representation of the statewide remaining MSW landfill capacity, the Texas per capita disposal rate calculation includes all MSW wastes and authorized industrial wastes that were disposed in the state's MSW landfills.

If Texas used the EPA definition of MSW for 2023, the total disposal rate would have been less, at approximately 4.55 pounds per person per day.

Figure 4 displays disposal amounts for MSW landfills and total per capita disposal rates, based on the Texas definition of MSW, between 2019 and 2023. Figure 5 displays disposal amounts and per capita rates between 1986 and 2023. For more detailed information, see Table 7, *Historical Disposal and Capacity Data for Texas MSW Landfills*.

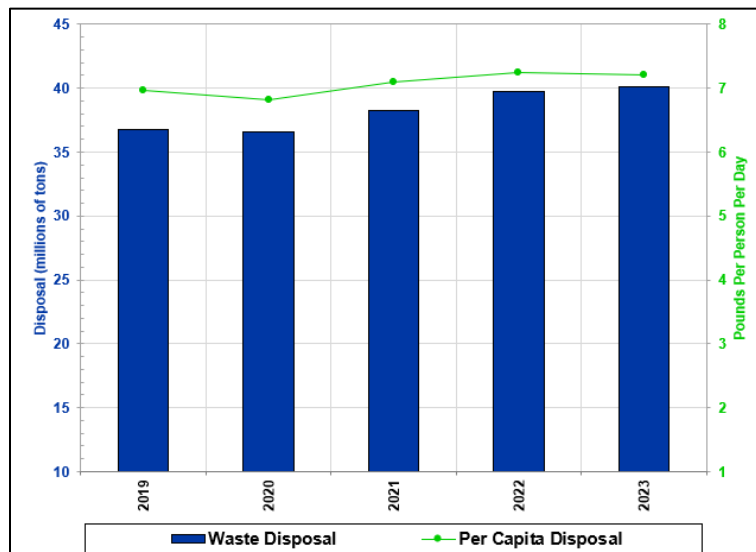


Figure 4. Texas MSW Landfill Disposal Tons and Per Capita Disposal Rate (2019-2023)

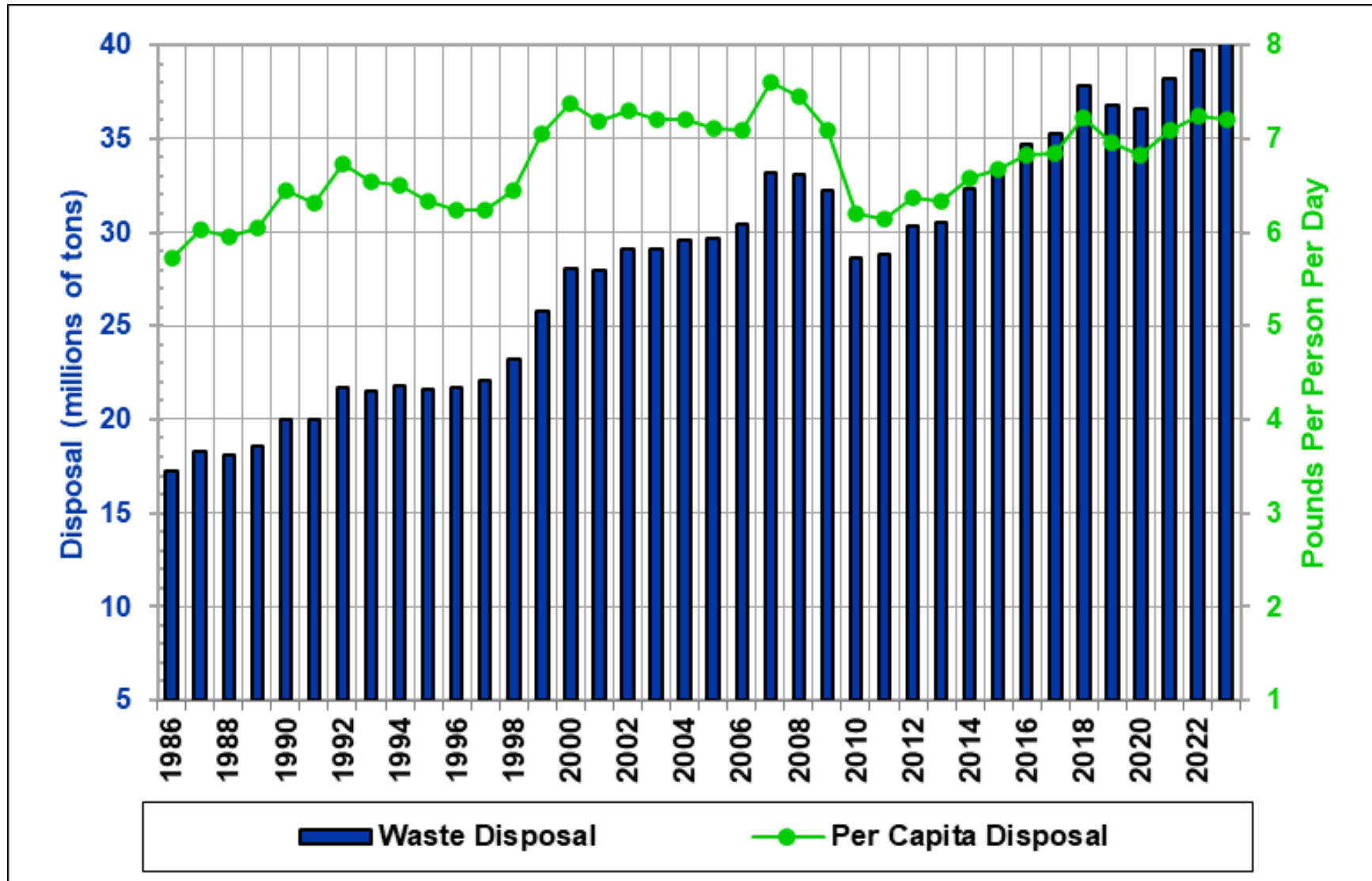


Figure 5. Texas MSW Landfill Disposal Tons and Per Capita Disposal Rate

Landfill Capacity

The total remaining MSW landfill capacity in the state at the end of 2023 was approximately 2 billion tons or about 3 billion cubic yards.

The analyses in this summary assume that the 2023 disposal rate of 40.1 million tons will continue each year, that no new landfill expansions or new permits will be issued, and that the population and disposal amounts will remain constant. Remaining reserve capacity is not applicable to monofills, which are authorized through a renewable five-year permit by rule.

Table 5 summarizes the 2023 disposal amount, remaining tons of disposal capacity, and reserve capacity by landfill type. Total reserve capacity (expressed in terms of years) is the total statewide remaining capacity (expressed in terms of tons) divided by the total statewide waste disposal rate (tons disposed) for the current reporting year. It is used as a measure for comparing total statewide reserve capacity from year to year.

Table 5. Disposal Amount and Remaining Capacity by Landfill Type (2023)

Landfill Type	Number of Landfills	Amount Disposed in Tons	Remaining Capacity in Tons	Reserve Capacity in Years
I	99	35,572,404	1,873,332,275	53
IV	23	4,182,549	111,606,138	27
IAE	21	70,645	4,821,109	68
IVAE	18	28,845	3,366,634	117
IAE and IVAE	28	247,233	17,087,428	69
Monofill	12	4,140.87	529,175	N/A
Totals	201	40,105,817	2,010,742,759	50

Growth and Attrition

According to submitted data, statewide net remaining capacity in tons decreased by approximately 2.1 million tons or about 0.1% from the 2022 capacity. Statewide remaining capacity in cubic yards decreased by approximately 24.9 million cubic yards or approximately 0.8% from the 2022 capacity.

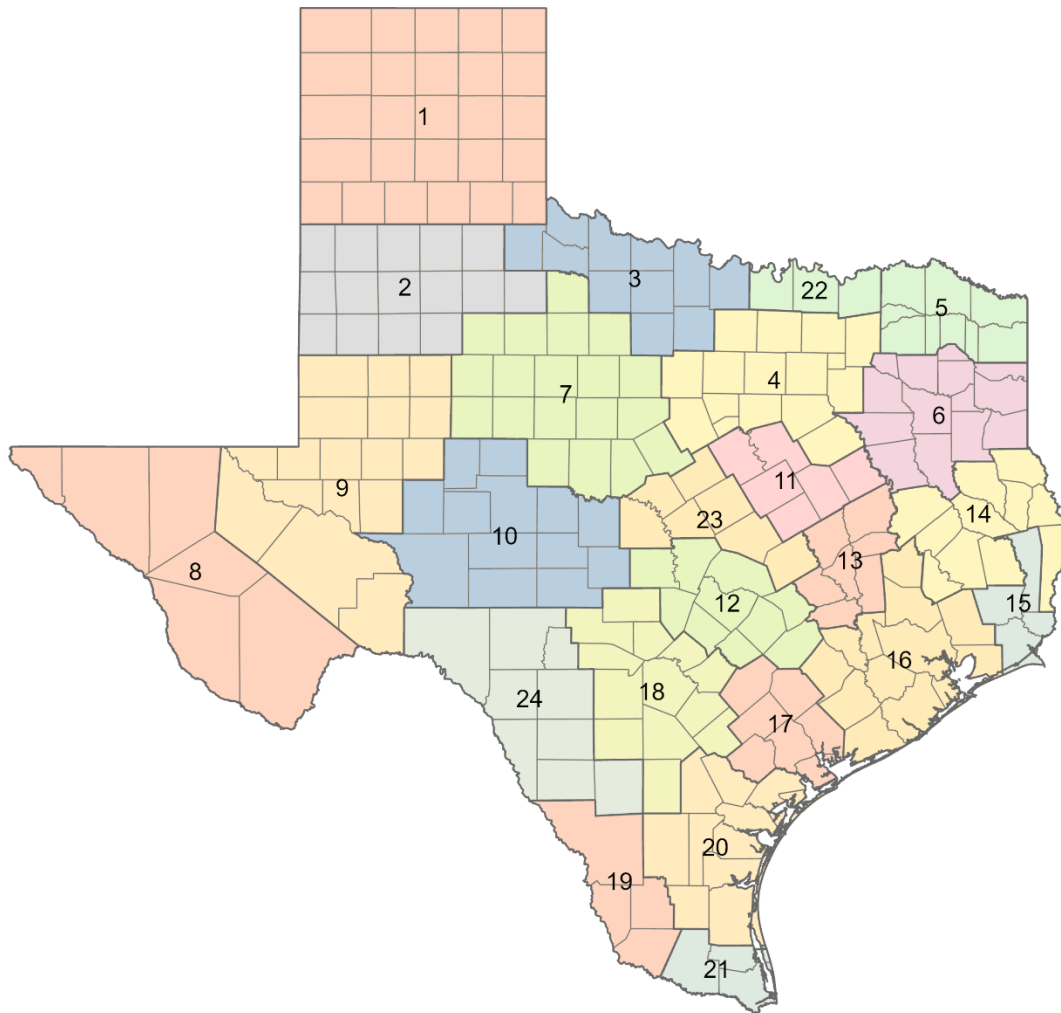
Statewide Distribution

In Texas, 24 regional planning commissions, also known as councils of governments, have the primary responsibility under Texas Health and Safety Code, Section 363.0615 for regional solid waste management planning. Figure 6 is a map of Texas displaying the boundaries of the 24 regions with their designated COG number and a legend that includes the name of each COG.

Although remaining capacity was not evenly distributed, each area of the state had an adequate reserve of MSW landfill capacity in 2023, as presented in Table 6. The Ark-Tex Area COG region (ATCOG 5) had the highest amount of reserve capacity at 176 years and the Concho Valley COG region (CVCOG 10) had the lowest amount at 19 years.

In 2022, the 24 COGs updated their regional solid waste management plans. These plans identify solid waste management needs for each planning region over a twenty-year period and prioritize actions to address those needs. The 2022-2042 regional solid waste plan can be found on the [TCEQ Regional Solid Waste Grants Program](https://www.tceq.texas.gov/permitting/waste_permits/waste_planning/wp_grants.html) website.⁴

⁴ www.tceq.texas.gov/permitting/waste_permits/waste_planning/wp_grants.html



No.	Abbrev.	COG Name	No.	Abbrev.	COG Name
1	PRPC	Panhandle Regional Planning Commission	13	BVCOG	Brazos Valley Council of Governments
2	SPAG	South Plains Association of Governments	14	DETCOG	Deep East Texas Council of Governments
3	NRPC	Nortex Regional Planning Commission	15	SETRPC	South East Texas Regional Planning Commission
4	NCTCOG	North Central Texas Council of Governments	16	H-GAC	Houston-Galveston Area Council
5	ATCOG	Ark-Tex Area Council of Governments	17	GCRPC	Golden Crescent Regional Planning Commission
6	ETCOG	East Texas Council of Governments	18	AACOG	Alamo Area Council of Governments
7	WCTCOG	West Central Texas Council of Governments	19	STDC	South Texas Development Council
8	RGCOG	Rio Grande Council of Governments	20	CBCOG	Coastal Bend Council of Governments
9	PBRPC	Permian Basin Regional Planning Commission	21	LRGVDC	Lower Rio Grande Valley Development Council
10	CVCOG	Concho Valley Council of Governments	22	TCOG	Texoma Council of Governments
11	HOTCOG	Heart of Texas Council of Governments	23	CTCOG	Central Texas Council of Governments
12	CAPCOG	Capital Area Council of Governments	24	MRGDC	Middle Rio Grande Development Council

Figure 6. Texas Councils of Governments

Table 6. Disposal and Capacity Data for Texas COG Regions (2023)

COG	Landfill Count	Percent of Total Landfill Count	Tons Disposed	Percent of Total Tons Disposed in State	Population in COG Region	Remaining Capacity in COG Region, in Tons	Percent of Remaining Capacity in State	Reserve Capacity in COG Region, in Years
1 PRPC	22	10.95	687,262	1.71	435,082	41,907,854	2.08	61
2 SPAG	19	9.45	596,940	1.49	438,301	87,540,884	4.35	147
3 NRPC	4	1.99	358,213	0.89	220,392	49,688,306	2.47	139
4 NCTCOG	22	10.95	11,268,058	28.10	8,307,276	403,982,962	20.09	36
5 ATCOG	3	1.49	516,623	1.29	281,001	90,781,810	4.51	176
6 ETCOG	4	1.99	820,340	2.05	905,134	102,893,562	5.12	125
7 WCTCOG	15	7.46	537,238	1.34	338,039	77,462,453	3.85	144
8 RGCOG	9	4.48	519,032	1.29	892,691	54,096,958	2.69	104
9 PBRPC	16	7.96	806,592	2.01	485,462	41,604,791	2.07	52
10 CVCOG	9	4.48	209,889	0.52	158,046	3,974,781	0.20	19
11 HOTCOG	4	1.99	892,691	2.23	385,657	36,602,902	1.82	41
12 CAPCOG	5	2.49	3,171,310	7.91	2,606,903	75,413,113	3.75	24
13 BVCOG	1	0.50	513,509	1.28	381,116	19,030,843	0.95	37
14 DETCOG	4	1.99	814,535	2.03	346,649	34,351,485	1.71	42
15 SETRPC	4	1.99	925,996	2.31	428,173	28,130,910	1.40	30
16 HGAC	25	12.44	9,741,763	24.29	7,661,800	330,630,373	16.44	34
17 GCRPC	1	0.50	156,752	0.39	194,155	3,121,054	0.16	20
18 AACOG	8	3.98	3,556,116	8.87	2,819,220	184,705,754	9.19	52
19 STDC	4	1.99	427,761	1.07	353,538	51,776,606	2.57	121
20 CBCOG	6	2.99	794,122	1.98	582,949	108,810,897	5.41	137
21 LRGVDC	4	1.99	1,595,166	3.98	1,345,218	130,645,077	6.50	82
22 TCOG	2	1.00	398,937	0.99	228,260	12,606,506	0.63	32
23 CTCOG	2	1.00	637,332	1.59	546,296	31,176,008	1.55	49
24 MRGDC	8	3.98	159,640	0.40	161,943	9,806,871	0.49	61
Totals	201	100	40,105,817	100	30,503,301	2,010,742,759	100	50

Table 7. Historical Disposal and Capacity Data for Texas MSW Landfills

Year	Waste Disposal in Tons	State Population	Per Capita Disposal Rate in Pounds per Person per Day	Number of Active Landfills	Remaining Capacity in Cubic Yards	Remaining Capacity in Tons	Reserve Capacity in Years
1986	17,283,977	16,562,639	5.72	790	1,194,118,393	388,088,478	23
1987	18,269,917	16,623,592	6.02	763	1,188,680,680	386,301,221	21
1988	18,114,295	16,668,639	5.95	750	1,162,374,628	377,771,754	21
1989	18,531,001	16,806,521	6.04	616	1,111,902,033	361,368,161	20
1990	19,969,615	16,986,510	6.44	493	1,124,524,795	393,583,678	20
1991	19,973,622	17,349,000	6.31	405	1,183,699,041	414,294,664	21
1992	21,675,661	17,655,650	6.73	345	1,193,233,770	440,730,048	20
1993	21,517,063	18,031,484	6.54	289	1,205,635,627	456,161,796	21
1994	21,808,274	18,378,185	6.50	199	1,269,565,453	483,752,986	22
1995	21,639,678	18,723,991	6.33	191	1,071,520,039	523,633,365	24
1996	21,738,137	19,128,261	6.23	186	1,023,799,597	554,095,949	26
1997	22,094,777	19,439,337	6.23	181	1,169,628,669	659,694,441	30
1998	23,259,425	19,759,614	6.45	184	1,300,609,247	716,302,147	31
1999	25,791,066	20,044,141	7.05	179	1,557,349,331	862,778,821	33
2000	28,034,517	20,851,820	7.37	183	1,633,321,824	904,891,939	32
2001	27,938,751	21,235,018	7.18	186	1,710,713,869	939,383,633	34
2002	29,061,966	21,779,893	7.31	190	1,691,970,227	971,314,962	33
2003	29,073,315	22,118,509	7.20	184	1,506,807,849	963,972,887	33
2004	29,581,785	22,490,022	7.21	189	1,826,587,075	1,134,462,509	37
2005	29,671,151	22,859,968	7.11	186	1,870,868,394	1,217,845,562	41
2006	30,453,702	23,507,783	7.10	187	2,110,807,960	1,366,311,822	45
2007	33,183,488	23,904,380	7.61	188	2,158,501,232	1,403,592,411	42
2008	33,078,196	24,326,974	7.45	191	2,167,272,920	1,439,621,096	44
2009	32,264,262	24,782,302	7.13	190	2,351,154,567	1,567,806,257	49
2010	28,637,988	25,213,445	6.22	190	2,483,194,375	1,722,333,910	60
2011	28,817,066	25,674,681	6.15	193	2,636,321,089	1,830,882,782	64
2012	30,309,069	26,059,203	6.37	195	2,632,196,651	1,739,952,891	57
2013	30,569,741	26,448,193	6.33	197	2,786,237,795	1,880,790,197	62
2014	32,371,574	26,956,958	6.58	198	2,867,269,225	1,939,340,177	60
2015	33,449,560	27,469,114	6.67	199	2,789,966,234	1,865,784,374	56

Year	Waste Disposal in Tons	State Population	Per Capita Disposal Rate in Pounds per Person per Day	Number of Active Landfills	Remaining Capacity in Cubic Yards	Remaining Capacity in Tons	Reserve Capacity in Years
2016	34,732,251	27,862,596	6.83	195	2,814,101,889	1,932,723,830	56
2017	35,307,308	28,304,596	6.84	196	2,833,951,162	1,926,872,853	55
2018	37,842,883	28,701,845	7.22	198	2,786,475,132	1,916,359,076	51
2019	36,804,463	28,995,881	6.96	198	2,804,243,828	1,933,097,921	53
2020	36,569,133	29,360,759	6.82	198	2,887,011,353	1,963,638,725	54
2021	38,228,301	29,527,941	7.09	199	3,034,709,417	2,022,542,579	53
2022	39,731,580	30,029,572	7.25	200	2,992,917,018	2,012,811,246	51
2023	40,105,817	30,503,301	7.20	201	2,967,982,604	2,010,742,759	50

Trends

Active Landfills

In 1986, there were 790 authorized MSW landfills in Texas accepting waste; by 1994, there were only 199 (Table 7 and Figure 8). The federal Resource Conservation and Recovery Act (RCRA) Subtitle D standards established in October 1991 required MSW landfills to upgrade designs, operating practices, and closure specifications; restricted the location of MSW landfills; and required MSW landfills to install liners and implement groundwater monitoring. The new federal requirements were a contributing factor in the closure of landfills across the state in the early 1990s.

Between 1995 and 2012, the number of active landfills averaged about 187, and by 2023, there were 201 landfills. This increase was largely a result of the addition of a new type of landfill (monofill) that was established in 2013 for the disposal of demolition waste from properties with nuisance and abandoned buildings that are owned or controlled by a county or municipality. The number of monofills contributing to the total active landfill count increased from 4 in 2013 to 12 in 2023.

Reserve Capacity

As discussed earlier in the *Landfill Capacity* section of this report, reserve capacity (expressed in years) is the total statewide remaining capacity (expressed in tons) divided by the total statewide waste disposal rate (tons disposed) for the current reporting year. From 1986 to 1996, the statewide reserve capacity for disposal in MSW landfills was less than 30 years (Table 7 and Figure 8). The capacity steadily increased with a maximum of 64 years reached in 2011. Since then, the statewide reserve capacity for disposal averaged about 55 years (Table 7 and Figure 8), with the 2023 reserve capacity for disposal at approximately 50 years (Table 7, and Figures 7 and 8).

Expansion in the available volume of permitted disposal capacity, diversion from disposal, improvements in compaction, and the state's economic activity are probable contributing factors affecting the reserve capacity trend. For example, the average compaction rate in 1986 was approximately 650 pounds of waste per cubic yard; in 2000 the average rate was approximately 1,000 pounds per cubic yard; and in 2023 the calculated average compaction rate was 1,049 pounds per cubic yard.

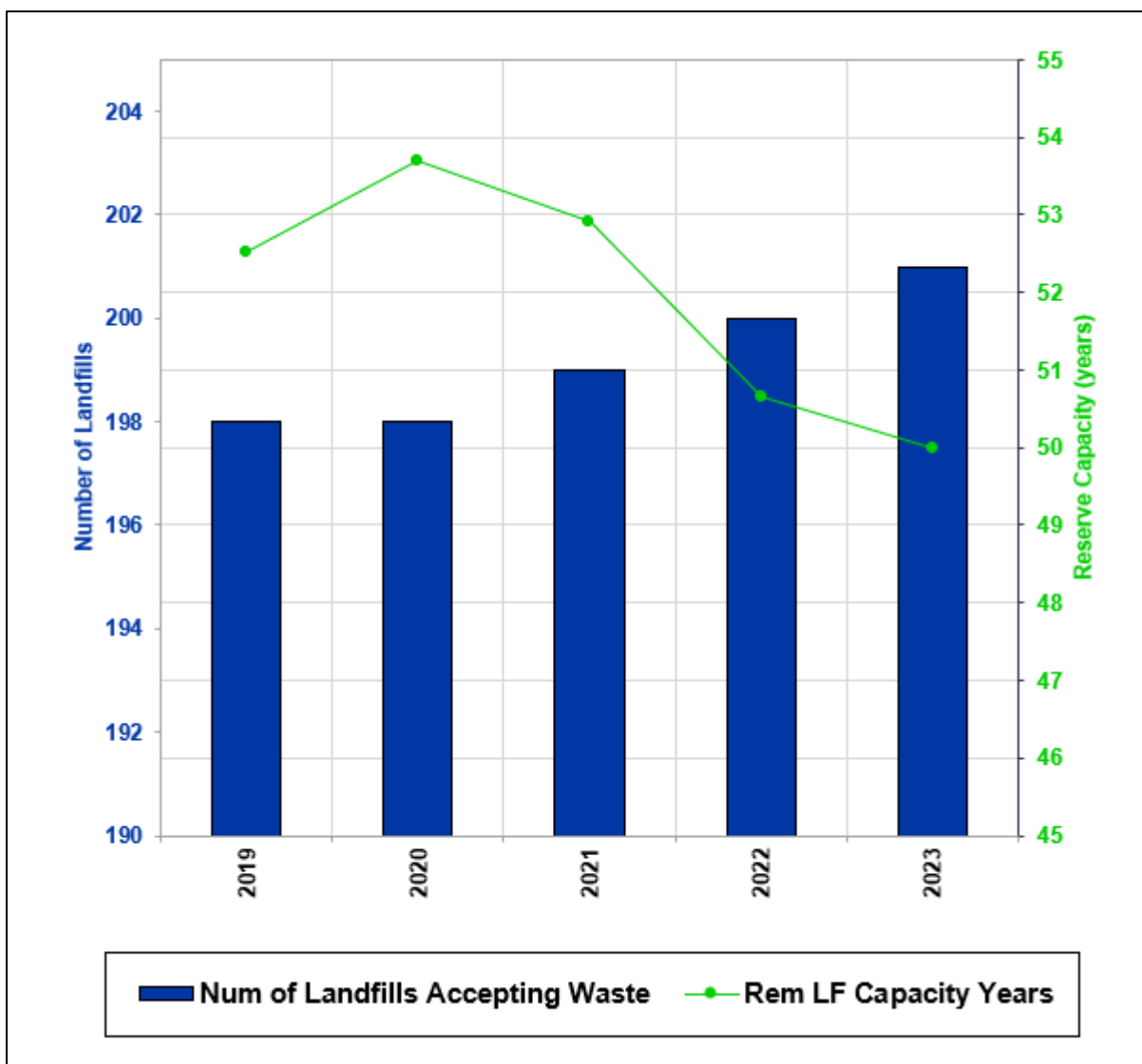


Figure 7. Number of MSW Landfills and Reserve Capacity Years (2019-2023)

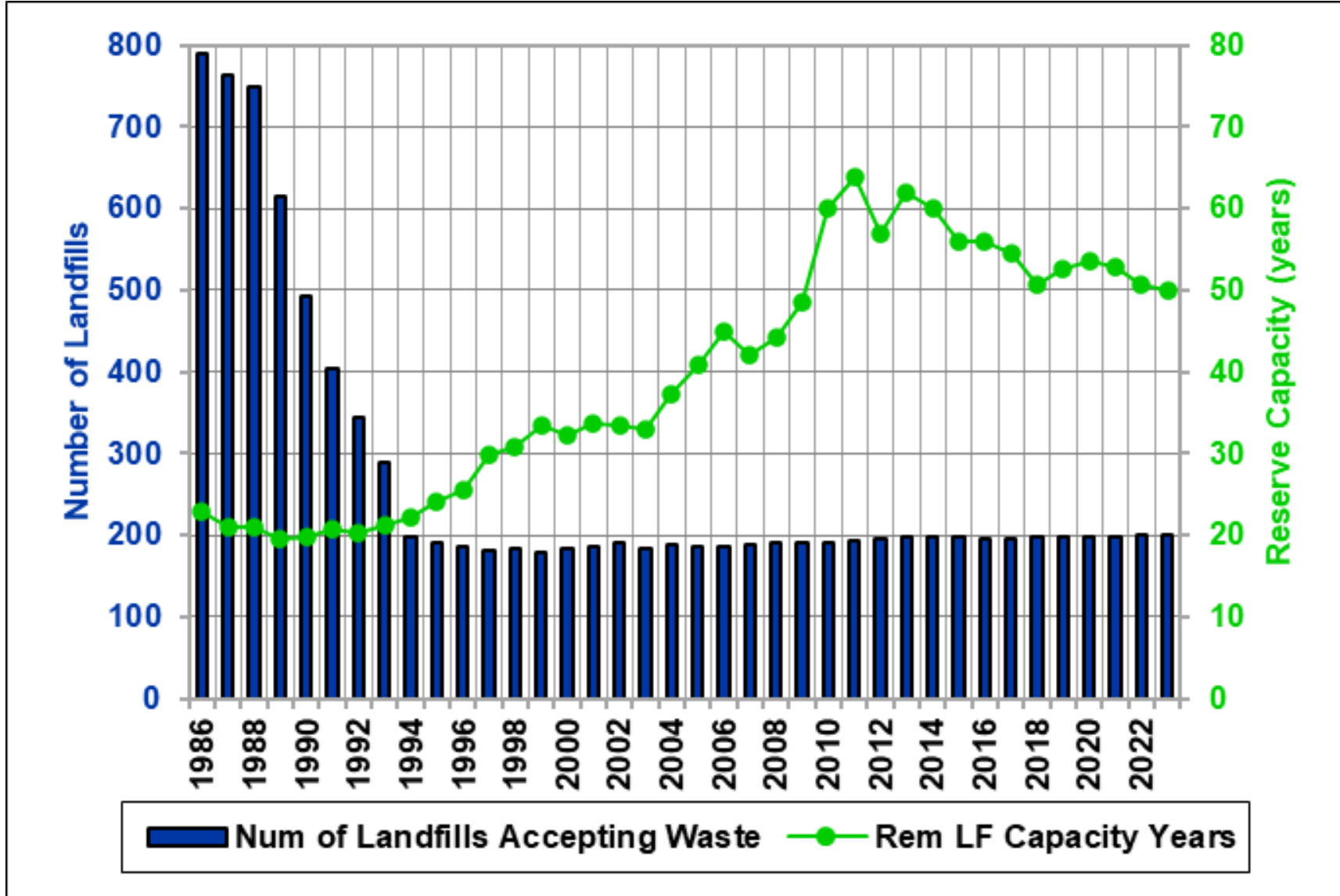


Figure 8. Number of MSW Landfills and Reserve Capacity Years

Landfill Size

In addition to improvements in operations at MSW landfills, the size of landfills has continued to increase. In 1986, the statewide average landfill size was 50 acres with an average height of 13 feet. In 2023, the statewide average landfill size was 274 acres with an average height of 94 feet. Landfill height was calculated as the difference between the reported site permanent benchmark elevation and final cover elevation. All calculations excluded monofills.

The breakdown of the permitted heights for MSW landfills in 2023 is presented in Table 8. Abilene Regional Landfill (MSW Permit No. 1469A; COG 7) and Edinburg Regional Landfill (MSW Permit No. 956C, COG 21) were the only landfills with a permitted height over 300 feet.

Table 8. Permitted Heights for MSW Landfills (2023, Excludes Monofills)

Permitted Height	Number of Landfills	Percent of Landfills
<100 ft	110	58.20
100 ft-200 ft	52	27.51
200 ft-300 ft	25	13.23
>300 ft	2	1.06
Totals	189	100

Counties Served

Table 9 summarizes how many counties that landfills served; approximately two-thirds of the landfills served more than one county in 2023. Table 10 displays how many active landfills are in each of the 254 counties in Texas and whether there was a change in the number from the previous year. In addition, counties with monofills are indicated. Landfills may accept waste from other counties, states, and countries.

Table 9. Number of Texas Counties Served by MSW Landfills (2023)

Number of Landfills	Number of Counties Served
78	1
54	2-5
44	6-10
11	11-15
10	16-20
4	>20

Table 10. Number of Active MSW Landfills by County (2023)

County	COG	Number of Active Landfills	County	COG	Number of Active Landfills	County	COG	Number of Active Landfills	County	COG	Number of Active Landfills
Anderson	6	0	Callahan	7	1* (decrease)	Dawson	9	1	Garza	2	1
Andrews	9	1	Cameron	21	1	Deaf Smith	1	1	Gillespie	18	1
Angelina	14	1	Camp	6	0	Delta	5	0	Glasscock	9	1
Aransas	20	0	Carson	1	1	Denton	4	4	Goliad	17	0
Archer	3	0	Cass	5	0	DeWitt	17	0	Gonzales	17	0
Armstrong	1	1	Castro	1	1	Dickens	2	0	Gray	1	3
Atascosa	18	0	Chambers	16	2	Dimmit	24	1	Grayson	22	2
Austin	16	0	Cherokee	6	1	Donley	1	1* (increase)	Gregg	6	1
Bailey	2	2	Childress	1	1	Duval	20	0	Grimes	13	1
Bandera	18	0	Clay	3	0	Eastland	7	0	Guadalupe	18	2
Bastrop	12	0	Cochran	2	1	Ector	9	1	Hale	2	1
Baylor	3	0	Coke	10	0	Edwards	24	0	Hall	1	1
Bee	20	0	Coleman	7	1*	El Paso	8	2	Hamilton	23	0
Bell	23	1	Collin	4	2	Ellis	4	2	Hansford	1	1
Bexar	18	2	Collingsworth	1	1	Erath	4	1	Hardeman	3	0 (decrease)
Blanco	12	0	Colorado	1	0	Falls	11	0	Hardin	15	1
Borden	9	0	Comal	18	1	Fannin	22	0	Harris	16	13
Bosque	11	0	Concho	10	0	Fayette	12	0	Harrison	6	0
Bowie	5	1	Cooke	22	0	Fisher	7	0	Hartley	1	0
Brazoria	16	2	Coryell	23	1	Floyd	2	1	Haskell	7	3*
Brazos	13	0	Cottle	3	1*	Foard	3	1* (increase)	Hays	12	0
Brewster	8	2	Crane	9	1	Fort Bend	16	3	Hemphill	1	0
Briscoe	1	0	Crockett	10	0	Franklin	5	0	Henderson	6	0
Brooks	20	1	Crosby	2	0	Freestone	11	0	Hidalgo	21	3
Brown	7	1	Culberson	8	2* (increase)	Frio	18	0	Hill	11	1
Burleson	13	0	Dallam	1	1	Gaines	9	1	Hockley	2	2
Burnet	12	0	Dallas	4	5	Galveston	16	3	Hood	4	0
Caldwell	12	1							Hopkins	5	0
Calhoun	17	0									

* County with monofill(s).

County	COG	Number of Active Landfills	County	COG	Number of Active Landfills	County	COG	Number of Active Landfills	County	COG	Number of Active Landfills
Houston	14	0	Lavaca	17	0	Motley	2	1	San Augustine	14	0
Howard	9	2	Lee	12	0	Nacogdoches	14	1	San Jacinto	14	0
Hudspeth	8	2	Leon	13	0	Navarro	4	1	San Patricio	20	0
Hunt	4	1	Liberty	16	0	Newton	14	1	San Saba	23	0
Hutchinson	1	0	Limestone	11	1	Nolan	7	1	Schleicher	10	2
Irion	10	0	Lipscomb	1	1	Nueces	20	3	Scurry	7	1
Jack	3	0	Live Oak	20	0	Ochiltree	1	1	Shackelford	7	0
Jackson	17	0	Llano	12	0	Oldham	1	1	Shelby	14	0
Jasper	15	0	Loving	9	0	Orange	15	0	Sherman	1	0
Jeff Davis	8	0	Lubbock	2	3	Palo Pinto	4	0	Smith	6	1
Jefferson	15	3	Lynn	2	1	Panola	6	0	Somervell	4	0
Jim Hogg	19	0	Madison	13	0	Parker	4	1	Starr	19	1
Jim Wells	20	1	Marion	6	0	Parmer	1	0	Stephens	7	1*
Johnson	4	2	Martin	9	1	Pecos	9	1	Sterling	10	0
Jones	7	3*	Mason	10	2	Polk	14	1	Stonewall	7	0
Karnes	18	0	Matagorda	16	0	Potter	1	1	Sutton	10	0
Kaufman	4	0	Maverick	24	2	Presidio	8	1	Swisher	1	1
Kendall	18	0	McCulloch	10	1	Rains	6	0	Tarrant	4	3
Kenedy	20	0	McLennan	11	2	Randall	1	1	Taylor	7	0
Kent	7	0	McMullen	18	1	Reagan	10	1	Terrell	9	1
Kerr	18	1	Medina	18	0	Real	24	0	Terry	2	2
Kimble	10	1	Menard	10	1	Red River	5	0	Throckmorton	7	0
King	2	0	Midland	9	1	Reeves	9	1	Titus	5	1
Kinney	24	1	Milam	23	0	Refugio	20	0	Tom Green	10	1
Kleberg	20	1	Mills	23	0	Roberts	1	0	Travis	12	3
Knox	7	0	Mitchell	7	1	Robertson	13	0	Trinity	14	0
La Salle	24	0	Montague	3	0	Rockwall	4	0	Tyler	14	0
Lamar	5	1	Montgomery	16	2	Runnels	7	2*	Upshur	6	0
Lamb	2	3	Moore	1	2	Rusk	6	1	Upton	9	2
Lampasas	23	0	Morris	5	0	Sabine	14	0	Uvalde	24	1

County	COG	Number of Active Landfills	County	COG	Number of Active Landfills	County	COG	Number of Active Landfills	County	COG	Number of Active Landfills
Val Verde	24	1	Washington	13	0	Willacy	21	0	Yoakum	2	1
Van Zandt	6	0	Webb	19	2	Williamson	12	1	Young	3	0
Victoria	17	1	Wharton	16	0	Wilson	18	0	Zapata	19	1
Walker	16	0	Wheeler	1	1	Winkler	9	0	Zavala	24	2
Waller	16	0	Wichita	3	2	Wise	4	0			
Ward	9	1	Wilbarger	3	0	Wood	6	0			

Materials Diverted from Disposal at MSW Landfills

Overview

Public and private programs for reducing, reusing, and recycling assist in preserving disposal capacity in MSW landfills. Every day throughout the state, paper, glass, aluminum cans, plastic, scrap metal, wood, electronics, scrap tires, organic materials, and other materials are diverted from disposal at landfills. Information about recycling initiatives for individuals, businesses, and local governments is available on the [TCEQ Recycling](https://www.tceq.texas.gov/recycle/recycling.html)⁵ webpage. Information about how Texans can get involved in protecting the state's resources, including ways to reduce the amount of waste they generate, can be found on the Take Care of Texas website at [TakeCareofTexas.org](https://www.takecareoftexas.org).

The 86th Texas Legislature directed TCEQ to develop a recycling market development plan for promotion of using recyclable materials as feedstock in processing and manufacturing. The results of this study were published in the Recycling Market Development Plan, which can be found on the [TCEQ Recyclable Materials Feedstock Study](https://www.tceq.texas.gov/recycle/recycling.html)⁶ webpage.

Electronics

Television (TV) recyclers in Texas are required to report annually the total weight or volume of covered TV equipment (defined in *Waste and Material Type Descriptions* section of this report) received, recycled, and disposed of during the calendar year (Jan. 1 through Dec. 31). In the last few years, there was a steady decrease in the number of active TV recyclers. Development of lighter and more compact TV equipment and changes in the global recycling market may have contributed to the decrease of recyclable material available for processing. In 2013, the first year for reporting, there were 16 facilities that together received 22.1 million pounds and recycled 21.7 million pounds of TV equipment; in 2016, 10 facilities received about 18.7 million pounds and recycled 17.1 million pounds; and in 2023, six facilities were active, receiving approximately 18 million pounds and recycling 17.4 million pounds. One facility in 2023 also disposed of 6,621 pounds of nonrecyclable material.



In 2023, six facilities
were active and recycled
18 million pounds
of TV equipment.

⁵ www.tceq.texas.gov/recycle/recycling.html

⁶ www.TXrecyclingstudy.org

Manufacturers of TV and computer equipment are also required to annually report the amount of equipment collected, recycled, and reused. Additional information about the TV and computer recycling programs, including amounts reported, is available on the TCEQ website at [TexasRecyclesTVs.org](https://www.tceq.texas.gov/recycling/tvs) and [TexasRecyclesComputers.org](https://www.tceq.texas.gov/recycling/computers), respectively.

Scrap Tires

Scrap tires can be a valuable commodity when properly managed and used to produce various products such as crumb rubber and mulch and processed as a fuel source. In Texas, facility owners or operators that transport or process used and scrap tires are required to submit an annual report for the calendar year. In 2023, approximately 57.2 million used and scrap tires were managed by transporters, storage sites, and scrap tire processing facilities.

Information about the scrap tire management program, including the 2023 annual report summary, can be found on the TCEQ [Annual Reporting for Used or Scrap Tire Transporters, Storage Sites, and Facilities](#)⁷ web page.

Other Diverted Materials

Some materials accepted at permitted and registered MSW facilities are diverted from the solid waste stream as recyclable materials. In 2023, about 1.8 million tons of materials were reported as diverted from MSW facilities for recycling or reuse, representing about a 1.86% increase from the diverted amount in 2022. There were 103 landfills that together diverted 1,023,168 tons and 79 processing facilities that diverted 772,883 tons of material from being disposed in 2023. Transfer stations represented most of the processing facilities diverting recyclable materials.

The various material streams and estimated amounts reported as diverted by MSW facilities in 2023 are presented in Table 11. The “Yard Trimmings or Brush” category represented the largest quantity of materials diverted. The category of “Unclassified Materials” consisted mainly of residential comingled recyclables, but also included items such as batteries, food waste, and miscellaneous building materials. It is noted that data in the table represent only the amount of recyclable material leaving an MSW disposal or processing facility and may or may not be included in the numbers reported by recycling facilities, such as computer recyclers, TV recyclers, and scrap tire processors. Descriptions for several of the material types listed in Table 11 are provided in the *Waste and Material Type Descriptions* section of this report.

⁷ www.tceq.texas.gov/permitting/waste_permits/tires/tires-reporting

Table 11. Types and Amounts of Diverted Materials (2023)

Material Type	Tons Diverted	Percent of Total Tons Diverted
Yard Trimmings or Brush	567,897	31.62
Metal	46,410	2.58
Glass	46,649	2.60
Plastics	29,956	1.67
Paper or Cardboard	193,932	10.80
Construction or Demolition Material	599,913	33.40
Electronic Equipment	274	0.02
White Goods	3,237	0.18
Tires	17,249	0.96
Automotive	21	<0.01
Shingles	148	0.01
Used Oil	593	0.03
Unclassified Materials	289,772	16.13
Total	1,796,051	100



In 2023, **about 1.8 million tons** of materials were reported as diverted from MSW facilities for recycling or reuse.

Facility Data for MSW Landfills

The maps and tables included in this section represent the active MSW landfill data reported for 2023. The maps and tables are organized by COG region and county. All reported values were rounded to the nearest whole number.

To access an online report for a specific landfill through the TCEQ [Central Registry](#)⁸:

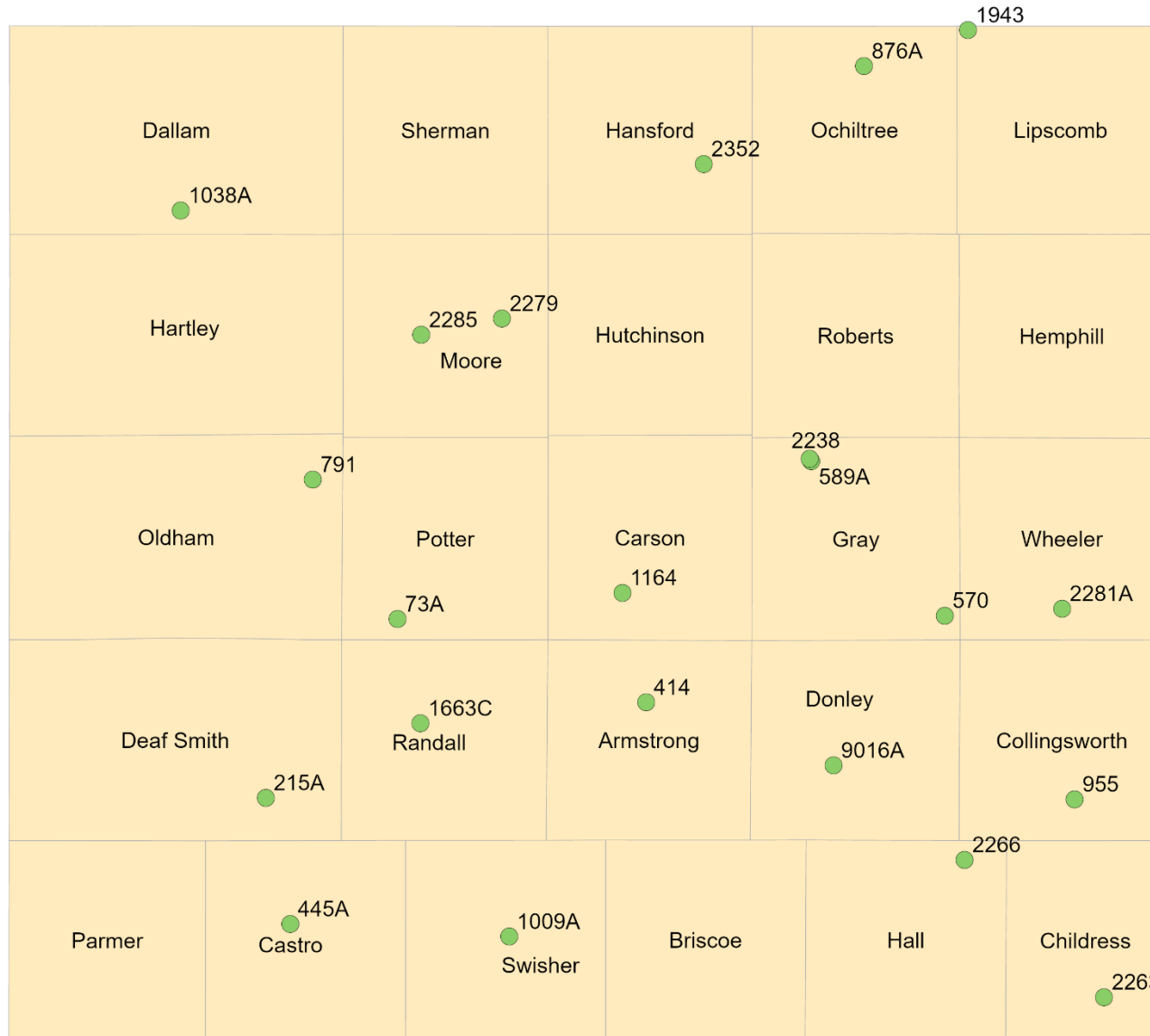
- On the *Central Registry Query—Additional ID Search* page, enter an MSW permit number, including any amendment letter (e.g., 1312B) in the Program ID field, and click the Search button.
- If more than one possible result is returned, you will land on the *ID Search Results List* page. Select the appropriate ID based on the Program column – select the entry with a Program of “Municipal Solid Waste Disposal.” Otherwise, go to the next step.
- In the resulting list of *Related Information*, select “Periodic Reports.”
- In the *Select Report* field, select “MSW Annual Report” and click the *Search* button.
- In the *Select Year* field, select the year of interest and click the *Search* button.

Key for Landfill Data Tables

Column Heading	Description
Type	Facility types are identified by numbers (“1” for Type I landfill; “4” for Type IV landfill), except for Monofills. Landfills that are arid-exempt include a number followed by the abbreviation “AE.”
2023 Tons	Total tons disposed in a landfill in 2023
Rem Yds	Remaining landfill capacity in cubic yards
Rate	Reported compaction rate at the landfill in pounds per cubic yard
Rem Tons	Remaining landfill capacity in equivalent tons (based on reported landfill compaction rate)
Rem Yrs	Remaining landfill capacity in years (estimate provided in a facility’s annual report based on permitted volume for waste capacity and facility operations). This measure is not applicable (NA) to Monofills, which are authorized through a renewable five-year permit by rule.

⁸ www.tceq.texas.gov/goto/cr-searchid

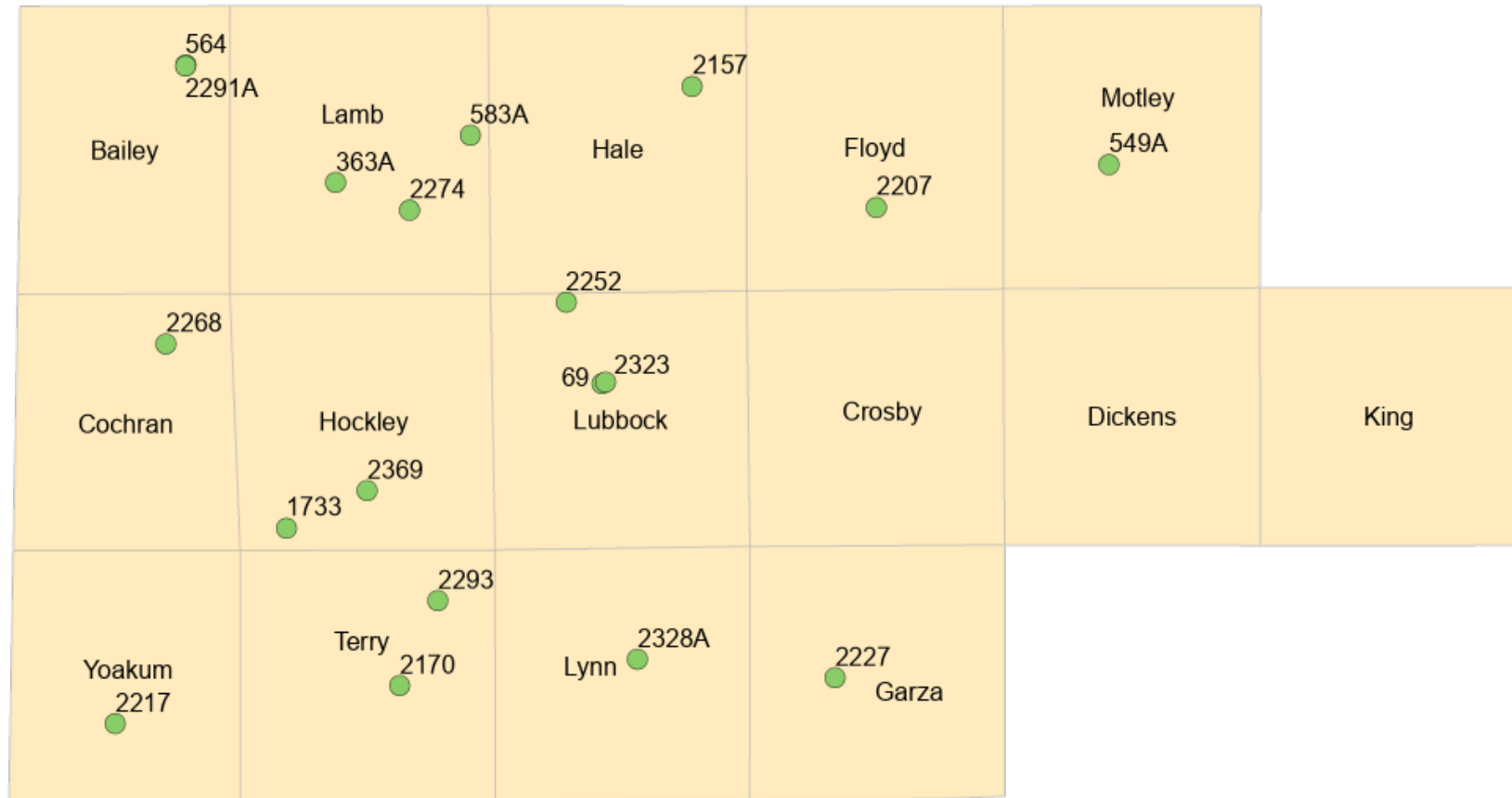
COG 1: Panhandle Regional Planning Commission—Landfill Locations



COG 1: Panhandle Regional Planning Commission—List of Landfills

COG	Permit	Site Name	County	Type	2023 Tons	Rem Yds	Rate	Rem Tons	Rem Yrs
1	414	Claude Armstrong County Landfill	Armstrong	4AE	2,148	154,685	500	38,671	17
1	1164	City of Panhandle Landfill	Carson	1AE	2,261	365,060	220	40,157	18
1	445A	City of Dimmitt Landfill	Castro	1AE	4,650	1,061,396	750	398,024	86
1	2263	City of Childress Landfill	Childress	1AE&4AE	7,067	2,248,933	800	899,573	113
1	955	City of Wellington Landfill	Collingsworth	1AE	3,502	408,212	800	163,285	46
1	1038A	City of Dalhart Landfill	Dallam	1AE&4AE	10,981	995,454	785	390,716	35
1	215A	City of Hereford Landfill	Deaf Smith	4AE	2,680	218,523	850	92,872	21
1	9016A	City of Clarendon Abandoned and Nuisance Building Disposal Landfill	Donley	MONOFILL	8	1,485,760	400	312,010	NA
1	570	City of McLean Landfill	Gray	1AE	880	528,726	800	211,490	1
1	589A	City of Pampa Landfill	Gray	4AE	1,649	423,068	1,000	211,534	128
1	2238	City of Pampa Landfill	Gray	1	49,421	7,818,688	944	3,690,421	75
1	2266	City of Memphis Landfill	Hall	1AE	6,955	810,215	800	324,086	46
1	2352	City of Spearman Landfill	Hansford	1AE	4,425	429,744	1,000	214,872	43
1	1943	City of Booker Landfill	Lipscomb	1AE	1,447	400,377	850	170,160	46
1	2279	City of Dumas Landfill	Moore	1	14,626	7,962,262	1,200	4,777,357	107
1	2285	City of Dumas Landfill	Moore	4AE	6,388	162,442	800	64,977	2
1	876A	Perryton Landfill	Ochiltree	1AE&4AE	32,231	1,127,291	800	450,916	136
1	791	Cal Farleys Boys Ranch Landfill	Oldham	4AE	500	101,400	400	20,280	39
1	73A	City of Amarillo Landfill	Potter	1	263,862	60,275,891	960	28,932,428	108.5
1	1663C	Southwest Landfill TX	Randall	1	260,240	102,022	1,248	63,662	100
1	1009A	City of Tulia Landfill	Swisher	1AE&4AE	6,154	645,353	850	274,275	42
1	2281A	City of Shamrock Landfill	Wheeler	1AE&4AE	5,187	437,075	760	166,088	30

COG 2: South Plains Association of Governments—Landfill Locations



COG 2: South Plains Association of Governments—List of Landfills

COG	Permit	Site Name	County	Type	2023 Tons	Rem Yds	Rate	Rem Tons	Rem Yrs
2	564	City of Muleshoe Landfill	Bailey	4AE	2,135	121,350	800	48,540	5
2	2291A	City of Muleshoe Landfill	Bailey	1AE&4AE	8,060	2,604,456	800	1,041,782	129
2	2268	Morton Landfill	Cochran	4AE	124	801,708	400	160,342	90
2	2207	City of Floydada Landfill	Floyd	1AE&4AE	5,877	723,346	830	300,189	48
2	2227	City of Post Landfill	Garza	1AE&4AE	4,968	14,978	800	5,991	1
2	2157	City of Plainview Landfill	Hale	1	39,417	9,398,988	796	3,740,797	95
2	1733	City of Sundown Landfill	Hockley	4AE	358	212,544	850	90,331	123
2	2369	City of Levelland Landfill	Hockley	1AE&4AE	11,934	4,557,355	959	2,185,252	183
2	363A	City of Amherst Landfill	Lamb	4AE	5	48,618	400	9,724	1945
2	583A	City of Olton Landfill	Lamb	1AE&4AE	10,192	603,450	680	205,173	29
2	2274	Littlefield Municipal Landfill	Lamb	1AE&4AE	5,756	1,136,083	1,400	795,258	66
2	69	City of Lubbock Landfill	Lubbock	1	14,675	183,021	841	76,960	5
2	2252	City of Lubbock West Texas Regional Disposal Facility	Lubbock	1	322,356	102,277,849	1,453	74,304,857	230.5
2	2323	C & D Waste Landfill	Lubbock	4	137,358	2,228,512	1,000	1,114,256	10
2	2328A	City of Tahoka Landfill	Lynn	1AE&4AE	8,997	625,522	850	265,847	22
2	549A	City of Matador Landfill	Motley	1AE	1,967	433,894	800	173,558	66
2	2170	City of Brownfield Landfill	Terry	1	13,943	4,153,512	917	1,904,385	136
2	2293	City of Meadow Landfill	Terry	1AE&4AE	12	839,287	1,000	419,644	2
2	2217	Yoakum County Landfill	Yoakum	1AE&4AE	8,806	1,744,995	800	697,998	79

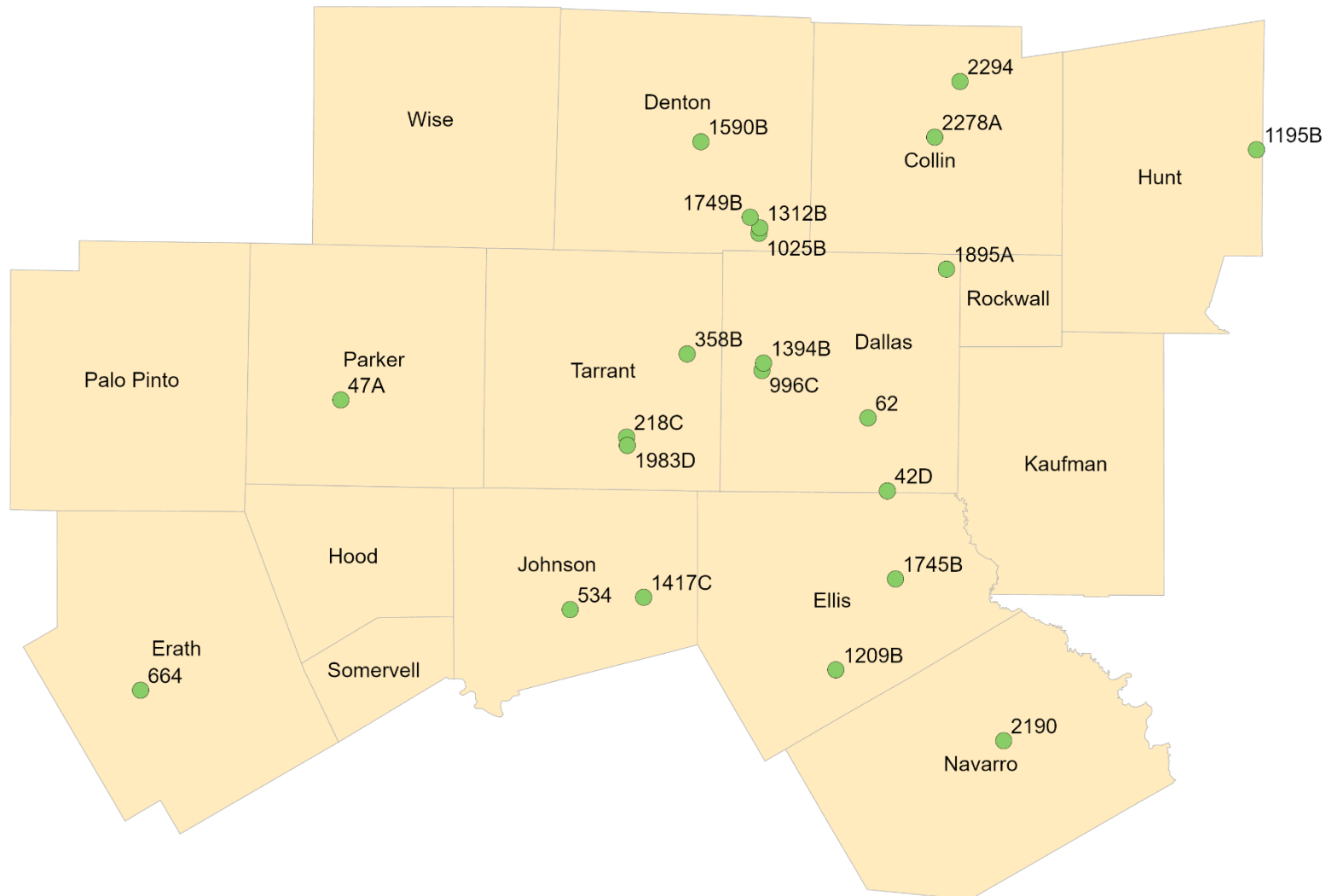
COG 3: Nortex Regional Planning Commission—Landfill Locations



COG 3: Nortex Regional Planning Commission—List of Landfills

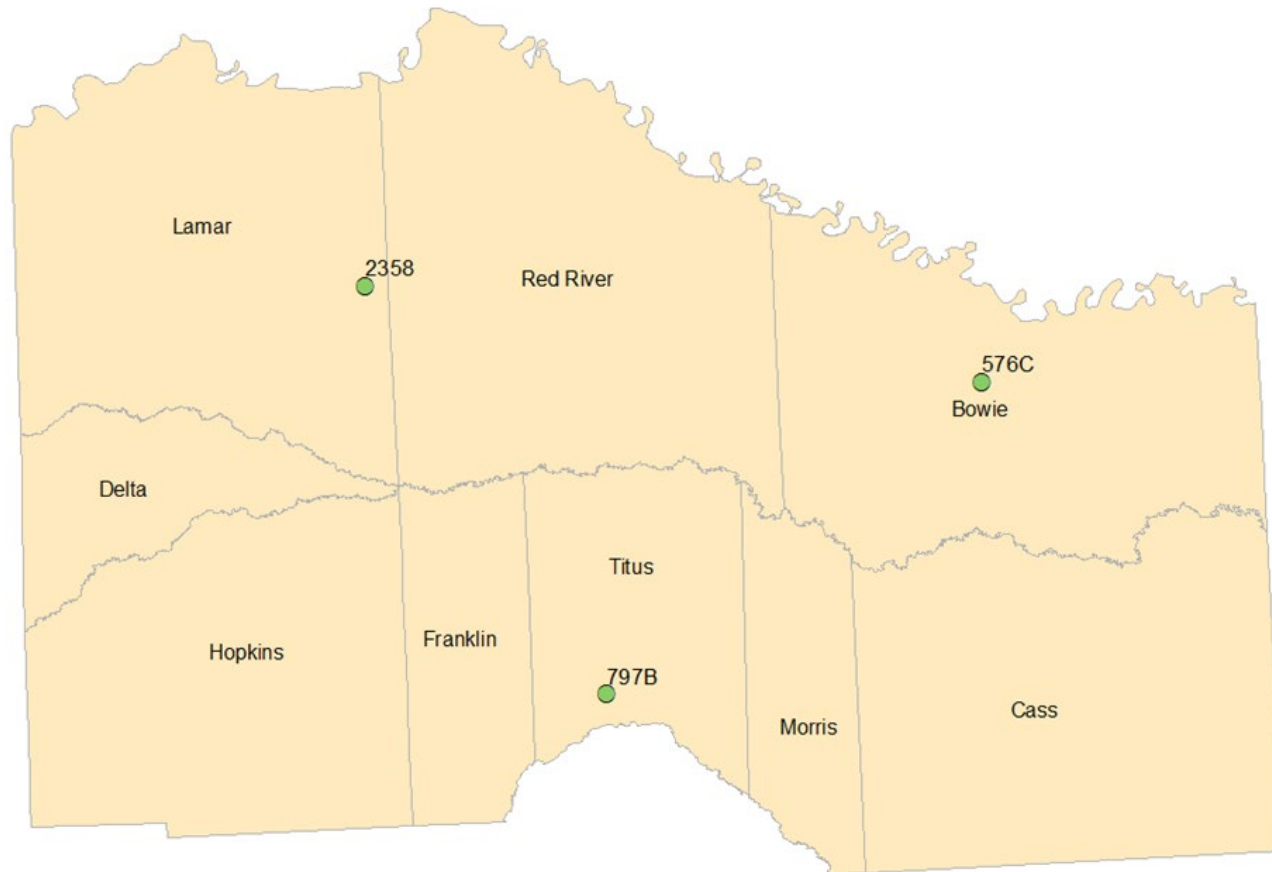
COG	Permit	Site Name	County	Type	2023 Tons	Rem Yds	Rate	Rem Tons	Rem Yrs
3	9001B	City of Paducah Abandoned and Nuisance Building Disposal Facility	Cottle	MONOFILL	192	6,744	400	1,416	NA
3	9024	City of Crowell Abandoned and Nuisance Building Disposal Facility	Foard	MONOFILL	62	5,245	400	1,101	NA
3	1428A	City of Wichita Falls Landfill	Wichita	1	180,729	67,979,993	899	30,557,007	201
3	1571A	Buffalo Creek Landfill	Wichita	1	177,230	26,530,903	1,442	19,128,781	108

COG 4: North Central Texas Council of Governments—Landfill Locations

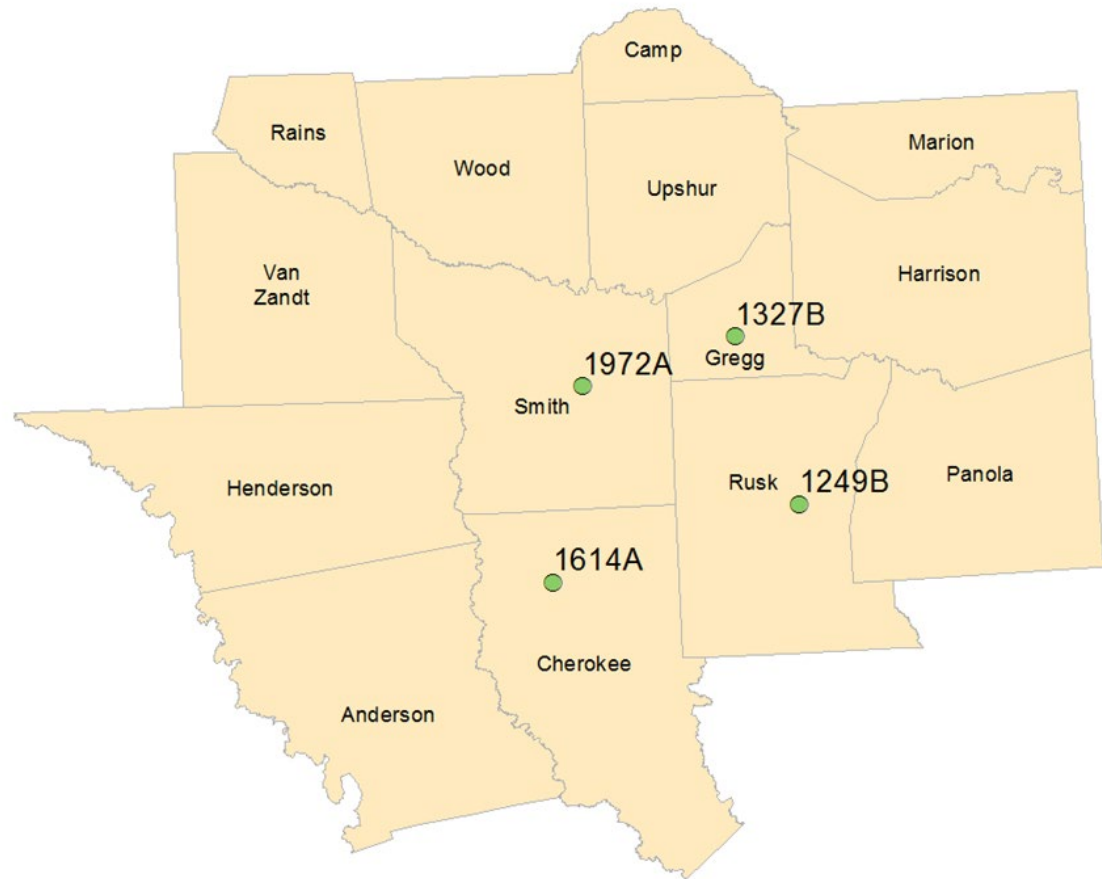


COG 4: North Central Texas Council of Governments—List of Landfills

COG	Permit	Site Name	County	Type	2023 Tons	Rem Yds	Rate	Rem Tons	Rem Yrs
4	2278A	Osttend C and D Waste Landfill	Collin	4	221,630	14,037,646	823	5,776,491	26
4	2294	121 Regional Disposal Facility	Collin	1	1,046,141	109,141,949	1,772	96,699,767	92.5
4	42D	Waste Management Skyline Landfill	Dallas and Ellis	1	1,934,979	29,755,092	1,400	20,828,564	9.5
4	62	City of Dallas McCommas Bluff Landfill	Dallas	1	1,409,441	68,942,155	1,546	53,292,286	39
4	996C	City of Grand Prairie Landfill	Dallas	1	249,386	10,022,675	1,194	5,983,537	27
4	1394B	Hunter Ferrell Landfill	Dallas	1	173,625	10,827,225	1,153	6,241,895	36
4	1895A	Charles M Hinton Jr Regional Landfill	Dallas	1	757,520	23,851,369	1,499	17,876,601	23.5
4	1025B	DFW Recycling and Disposal Facility	Denton	1	148,675	1,096,858	1,480	811,675	3
4	1312B	Camelot Landfill	Denton	1	929,203	28,809,584	1,411	20,325,162	18.5
4	1590B	City of Denton Landfill	Denton	1	357,369	43,170,064	1,108	23,916,215	68
4	1749B	Lewisville Landfill	Denton	4	312,166	19,214,103	1,354	13,007,948	32
4	1209B	CSC Disposal and Landfill	Ellis	1	16	30,963,608	1,611	24,941,186	100
4	1745B	Ellis County Landfill	Ellis	1	218,207	37,472,122	1,475	27,635,690	111
4	664	City of Stephenville Landfill	Erath	4	18,861	76,211	618	23,549	1
4	1195B	Republic Maloy Landfill	Hunt	1	198,505	33,504,089	1,159	19,415,620	95.5
4	534	City of Cleburne Landfill	Johnson	1	164	11,885	1,000	5,943	22.5
4	1417C	Turkey Creek Landfill	Johnson	1	909,822	6,075,851	1,853	5,629,276	18.5
4	2190	City of Corsicana Landfill	Navarro	1	136,076	21,423,402	1,000	10,711,701	78.5
4	47A	Weatherford Landfill	Parker	1	36	8,854	1,267	5,609	0.2
4	218C	City of Fort Worth Southeast Landfill	Tarrant	1	834,789	16,073,451	1,366	10,978,167	11.5
4	358B	City of Arlington Landfill	Tarrant	1	955,265	41,430,025	1,678	34,759,791	47
4	1983D	Fort Worth C and D Landfill	Tarrant	4	456,182	7,994,202	1,280	5,116,289	13.5

COG 5: Ark-Tex Council of Governments—Landfill Locations**COG 5: Ark-Tex Council of Governments—List of Landfills**

COG	Permit	Site Name	County	Type	2023 Tons	Rem Yds	Rate	Rem Tons	Rem Yrs
5	576C	New Boston Landfill	Bowie	1	163,125	8,822,433	980	4,322,992	22.5
5	2358	Blossom Prairie Landfill	Lamar	1	214,593	92,576,336	1,460	67,580,725	278
5	797B	Pleasant Oaks Landfill	Titus	1	138,905	18,802,881	2,008	18,878,093	58

COG 6: East Texas Council of Governments—Landfill Locations**COG 6: East Texas Council of Governments—List of Landfills**

COG	Permit	Site Name	County	Type	2023 Tons	Rem Yds	Rate	Rem Tons	Rem Yrs
6	1614A	Royal Oaks Landfill	Cherokee	1	156,941	1,047,070	1,586	830,327	4
6	1327B	Pinehill Landfill	Gregg	1	230,442	14,400,408	1,429	10,289,092	44
6	1249B	East Texas Regional Landfill	Rusk	1	169,078	7,954,242	1,562	6,212,263	36.5
6	1972A	Greenwood Farms Landfill	Smith	1	263,879	102,900,637	1,663	85,561,880	100

COG 7: West Central Texas Council of Governments—Landfill Locations



COG 7: West Central Texas Council of Governments—List of Landfills

COG	Permit	Site Name	County	Type	2023 Tons	Rem Yds	Rate	Rem Tons	Rem Yrs
7	1562A	Brownwood Regional Landfill	Brown	1	103,288	15,917,035	1,100	8,754,369	85
7	9019A	City of Baird Abandoned and Nuisance Building Disposal Facility	Callahan	MONOFILL	119	1,242	400	261	NA
7	9002B	City of Coleman Abandoned and Nuisance Building Disposal Facility	Coleman	MONOFILL	311	89,673	400	18,831	NA
7	1604B	City of Haskell Landfill	Haskell	1AE&4AE	1	492,641	100	24,632	1
7	9009A	City of Stamford Abandoned and Nuisance Building Disposal Facility	Haskell	MONOFILL	2,280	61,125	400	12,836	NA
7	9011A	City of Haskell Abandoned and Nuisance Building Disposal Facility	Haskell	MONOFILL	3	332,443	400	69,813	NA
7	1469A	Abilene Landfill	Jones	1	215,374	85,761,347	1,146	49,141,252	172.5
7	2325	Abilene Environmental Landfill	Jones	1	174,079	17,199,401	1,500	12,899,551	60
7	9004B	City of Anson Abandoned and Nuisance Building Disposal Facility	Jones	MONOFILL	664	308,643	400	64,815	NA
7	420B	City of Colorado City Municipal Landfill	Mitchell	1AE&4AE	5,587	942,055	700	329,719	42
7	2385	City of Sweetwater Landfill	Nolan	4AE	5,142	5,098,350	400	1,019,670	151.5
7	9005C	City of Winters Abandoned and Nuisance Building Disposal Facility	Runnels	MONOFILL	118	17,147	400	3,601	NA
7	9013A	City of Ballinger Abandoned and Nuisance Building Disposal Landfill	Runnels	MONOFILL	220	28,672	400	6,021	NA
7	1463B	City of Snyder Landfill	Scurry	1	29,921	10,495,956	968	5,080,043	170
7	9000B	City of Breckenridge Abandoned and Nuisance Building Disposal Facility	Stephens	MONOFILL	131	176,373	400	37,038	NA

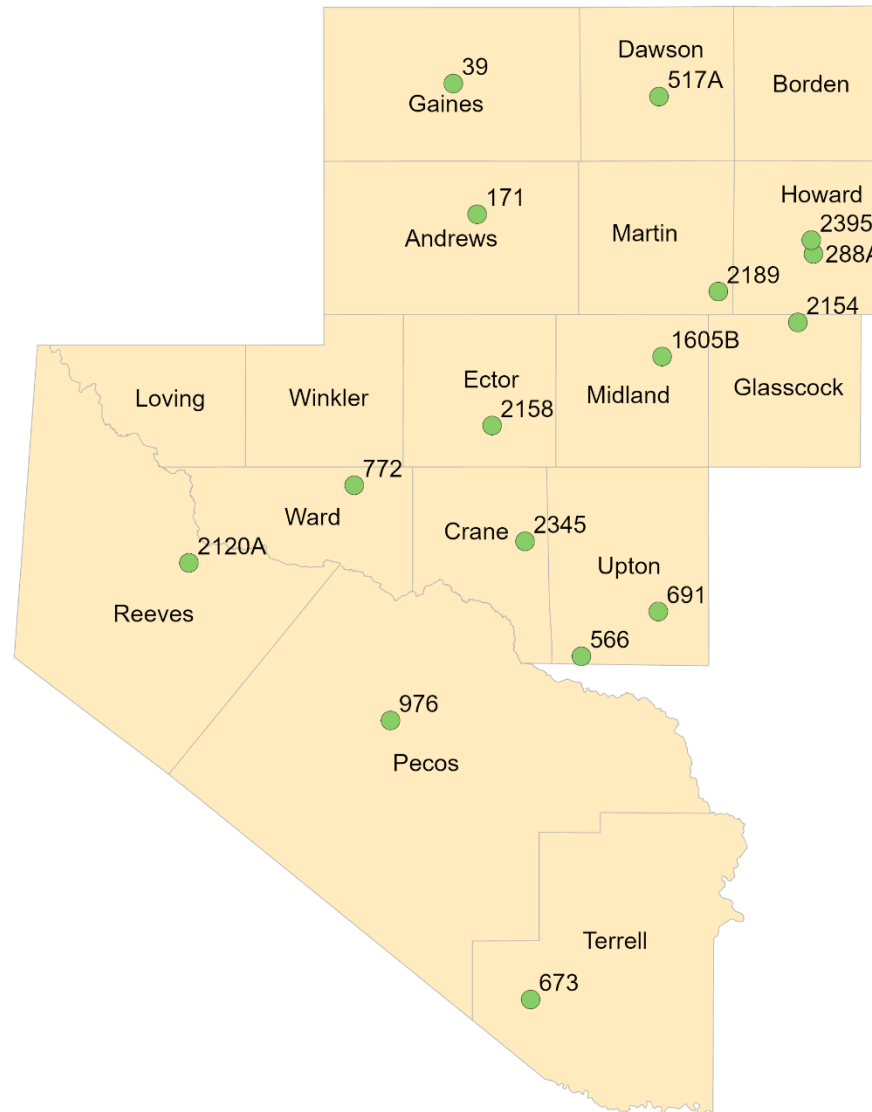
COG 8: Rio Grande Council of Governments—Landfill Locations



COG 8: Rio Grande Council of Governments—List of Landfills

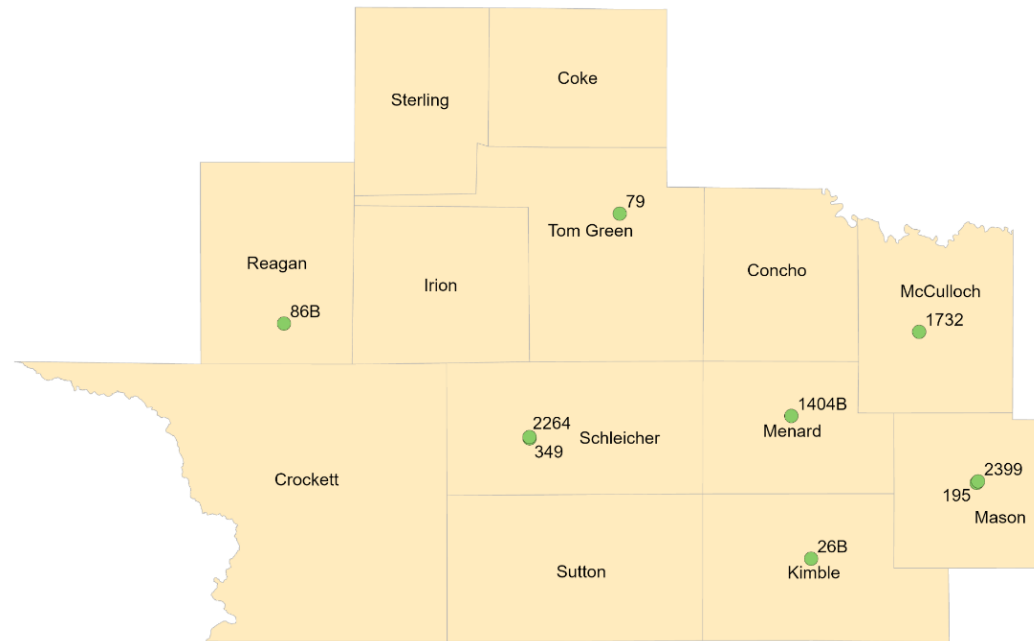
COG	Permit	Site Name	County	Type	2023 Tons	Rem Yds	Rate	Rem Tons	Rem Yrs
8	1276	Panther Junction Landfill	Brewster	1AE	256	89,831	750	33,687	4
8	2197	City of Alpine Landfill	Brewster	1AE&4AE	13,566	2,425,262	329	398,956	37
8	693A	Town of Van Horn Landfill	Culberson	1AE	5,298	505,171	667	168,475	18
8	9006B	Town of Van Horn Abandoned and Nuisance Building Disposal Facility	Culberson	MONOFILL	33	6,816	400	1,431	NA
8	729B	City of El Paso Landfill	El Paso	1	2	63,469,183	1,350	42,841,699	39
8	2284	Greater El Paso Landfill	El Paso	1	488,363	12,982,285	1,540	9,996,359	13
8	495	Hudspeth County Dell City Landfill	Hudspeth	1AE&4AE	1,035	174,414	850	74,126	14
8	957A	Hudspeth County Sierra Blanca Landfill	Hudspeth	1AE&4AE	4,356	1,189,868	850	505,694	54
8	1737A	City of Presidio Landfill	Presidio	1AE	6,123	382,653	400	76,531	10

COG 9: Permian Basin Regional Planning Commission—Landfill Locations

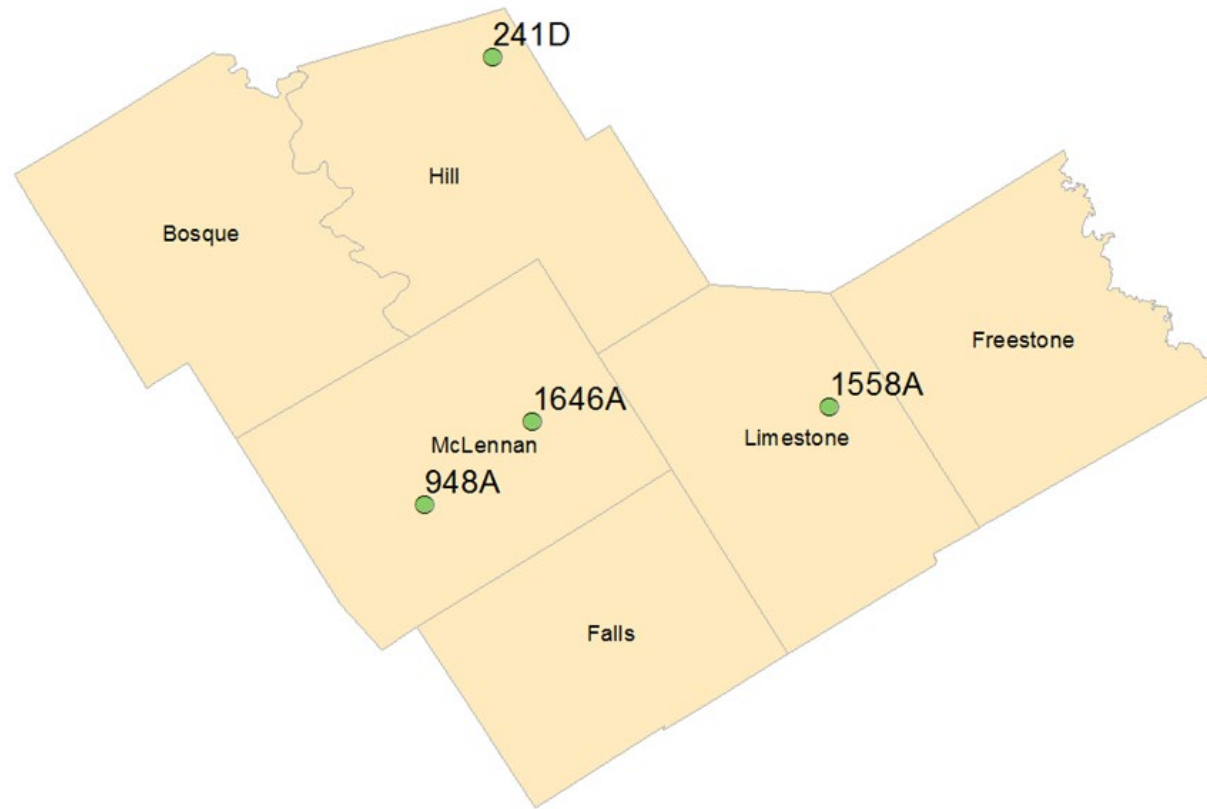


COG 9: Permian Basin Regional Planning Commission—List of Landfills

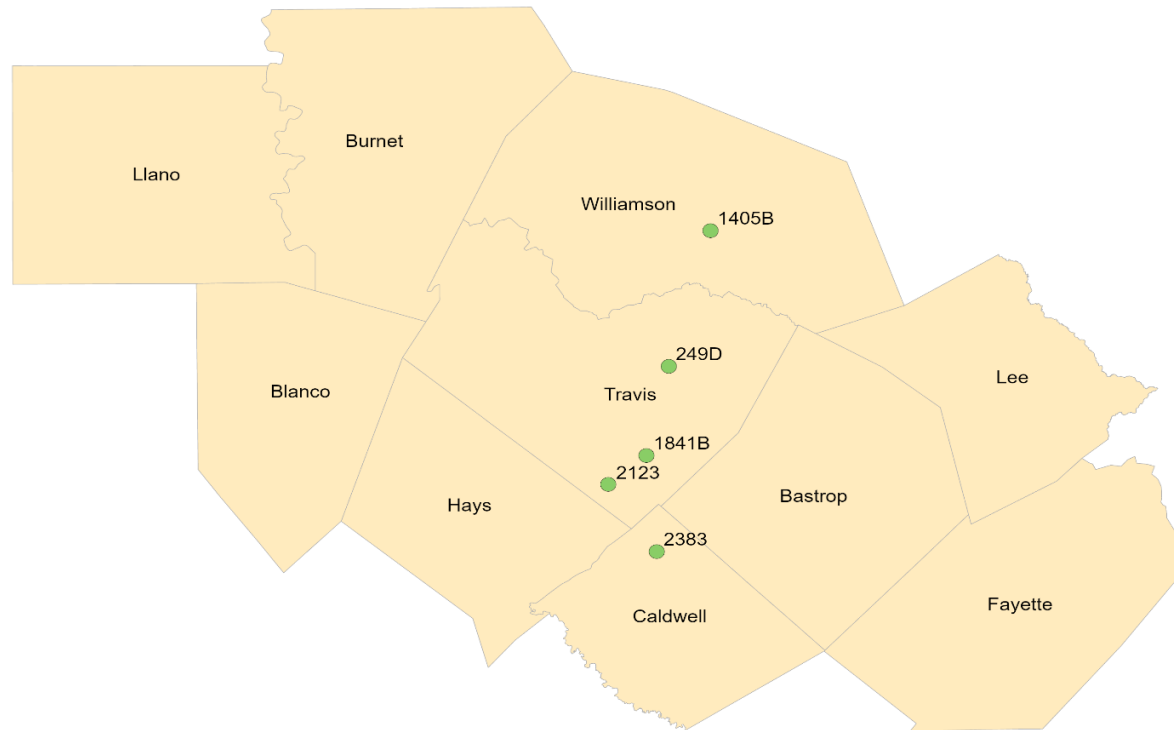
COG	Permit	Site Name	County	Type	2023 Tons	Rem Yds	Rate	Rem Tons	Rem Yrs
9	171	City of Andrews Landfill	Andrews	1AE&4AE	12,030	673,940	661	222,737	18.5
9	2345	City of Crane Landfill	Crane	1AE&4AE	4,222	5,050,327	700	1,767,614	442
9	517A	City of Lamesa Landfill	Dawson	1	17,864	1,205,907	930	560,747	31
9	2158	Odessa Landfill	Ector	1	357,659	26,046,491	1,368	17,815,800	44.5
9	39	City of Seminole Landfill	Gaines	1AE&4AE	13,479	1,303,392	810	527,874	49
9	2154	Glasscock County Landfill	Glasscock	1AE	597	1,645	250	206	1.5
9	288A	City of Big Spring Landfill	Howard	1	2,694	22,161	1,000	11,081	4
9	2395	City of Big Spring Howard County Big Sandy Draw Landfill	Howard	1	33,667	12,600,535	951	5,991,554	178
9	2189	City of Stanton Landfill	Martin	1AE	7,582	434,079	1,000	217,039	28.5
9	1605B	City of Midland Landfill	Midland	1	308,813	28,779,631	885	12,734,987	41
9	976	City of Fort Stockton Landfill	Pecos	1AE&4AE	12,643	17,534	800	7,014	1
9	2120A	City of Pecos Landfill	Reeves	1AE&4AE	22,559	1,819,362	1,082	984,275	7
9	673	Terrell County Landfill	Terrell	4AE	163	10,223	210	1,073	32
9	566	City of McCamey Landfill	Upton	4AE	754	1,198,218	750	449,332	1
9	691	Upton County Rankin Landfill	Upton	4AE	1,049	40,373	400	8,075	28
9	772	City of Monahans Landfill	Ward	1AE&4AE	10,817	718,548	850	305,383	24

COG 10: Concho Valley Council of Governments—Landfill Locations**COG 10: Concho Valley Council of Governments—List of Landfills**

COG	Permit	Site Name	County	Type	2023 Tons	Rem Yds	Rate	Rem Tons	Rem Yrs
10	26B	City of Junction Landfill	Kimble	4AE	1,200	579,908	1,000	289,954	194
10	195	City of Mason Landfill	Mason	1AE	6	11,045	600	3,314	200
10	2399	Mason East Landfill	Mason	1	3,444	1,081,527	900	486,687	141
10	1732	City of Brady Landfill	McCulloch	1AE&4AE	11,452	1,730,462	900	778,708	24
10	1404B	City of Menard Landfill	Menard	4AE	238	6,028	234	705	35
10	86B	City of Big Lake Landfill	Reagan	1AE	3,968	898,248	795	357,054	84
10	349	City of Eldorado Landfill	Schleicher	4AE	20	545,282	1,500	408,962	68
10	2264	City of Eldorado Landfill	Schleicher	1AE	5,837	1,279,550	1,500	959,662	46
10	79	San Angelo Landfill	Tom Green	1	183,724	1,174,017	1,175	689,735	9.5

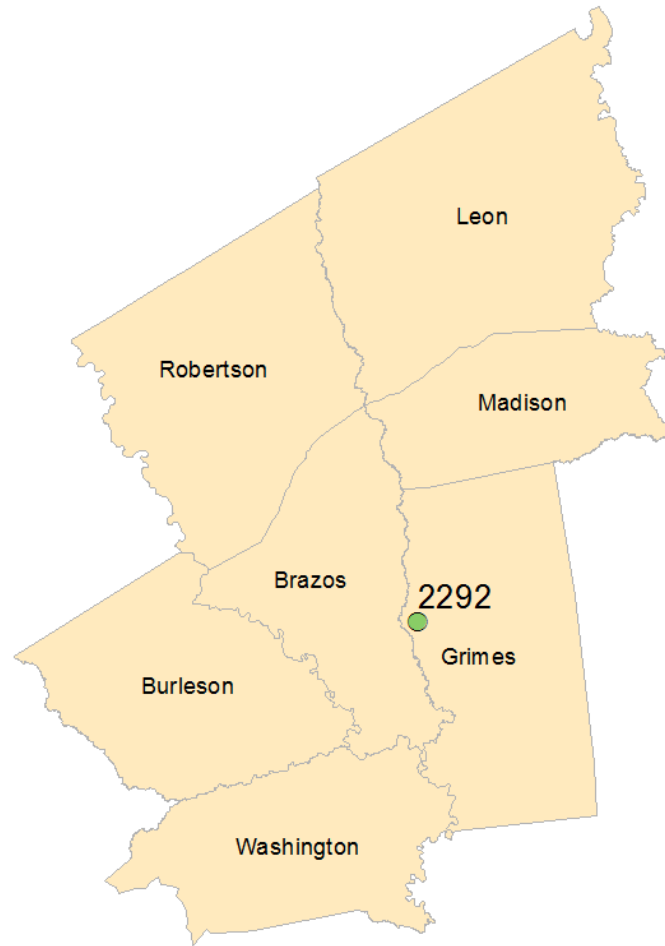
COG 11: Heart of Texas Council of Governments—Landfill Locations**COG 11: Heart of Texas Council of Governments—List of Landfills**

COG	Permit	Site Name	County	Type	2023 Tons	Rem Yds	Rate	Rem Tons	Rem Yrs
11	241D	Itasca Landfill	Hill	1	472,098	43,652,976	1,430	31,211,878	51
11	1558A	BFI Mexia Landfill	Limestone	1	42,138	7,144,669	1,256	4,486,852	122
11	948A	City of Waco Landfill	McLennan	1	352,678	1,228,235	1,292	793,440	2
11	1646A	Lacy-Lakeview Recycling and Disposal Facility	McLennan	1	25,777	168,285	1,316	110,732	4

COG 12: Capital Area Council of Governments—Landfill Locations**COG 12: Capital Area Council of Governments—List of Landfills**

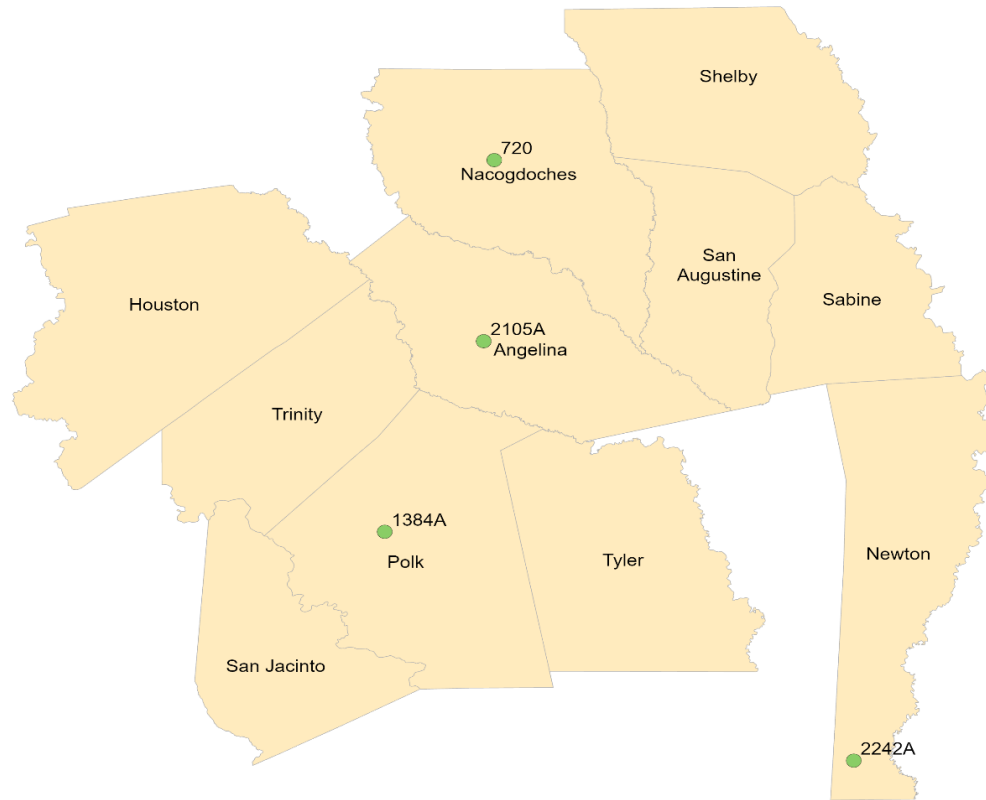
COG	Permit	Site Name	County	Type	2023 Tons	Rem Yds	Rate	Rem Tons	Rem Yrs
12	2383	130 Environmental Park Landfill	Caldwell	1	316,780	32,568,235	1,736	28,269,228	40
12	249D	Austin Community Recycling & Disposal Facility	Travis	1	741,813	2,969,426	1,400	2,078,598	2
12	1841B	Travis County Landfill	Travis	4	320,993	4,262,039	1,070	2,280,191	11
12	2123	Texas Disposal Systems Landfill	Travis	1	1,125,555	11,136,120	1,360	7,572,562	6.5
12	1405B	Williamson County Recycling and Disposal Facility	Williamson	1	666,169	54,173,129	1,300	35,212,534	53

COG 13: Brazos Valley Council of Governments—Landfill Locations

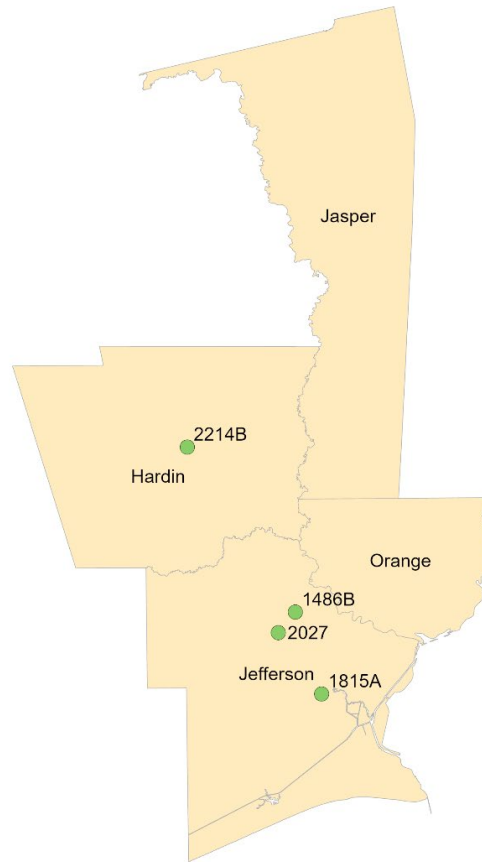


COG 13: Brazos Valley Council of Governments—List of Landfills

COG	Permit	Site Name	County	Type	2023 Tons	Rem Yds	Rate	Rem Tons	Rem Yrs
13	2292	Twin Oaks Landfill	Grimes	1	513,509	30,017,103	1,268	19,030,843	37

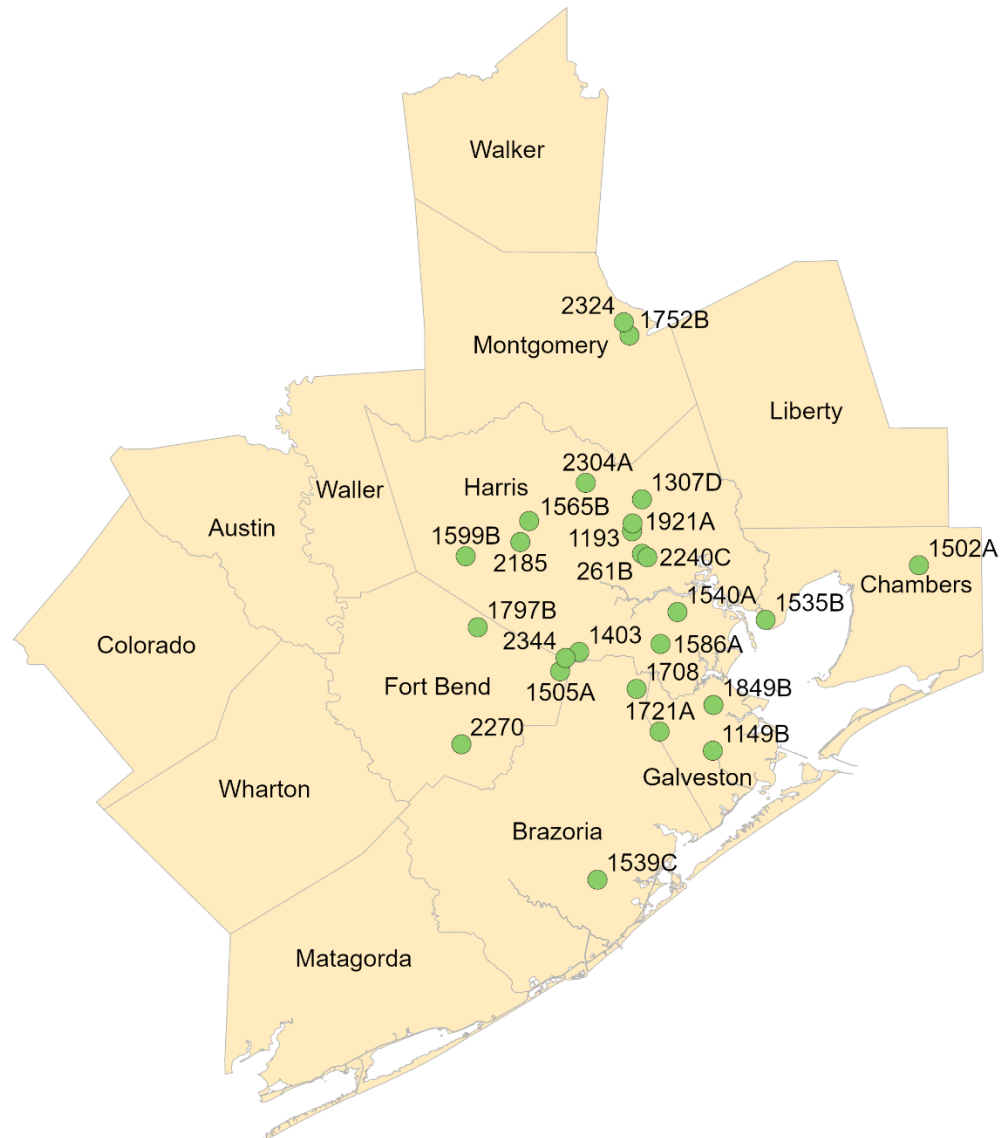
COG 14: Deep East Texas Council of Governments—Landfill Locations**COG 14: Deep East Texas Council of Governments—List of Landfills**

COG	Permit	Site Name	County	Type	2023 Tons	Rem Yds	Rate	Rem Tons	Rem Yrs
14	2105A	Angelina County Waste Management Center	Angelina	1	118,853	2,428,912	1,200	1,457,347	12
14	720	City of Nacogdoches Landfill	Nacogdoches	1	84,600	2,035,954	1,450	1,476,067	26
14	2242A	Western Waste of Texas Newton Complex	Newton	1	296,856	39,162,286	1,440	28,196,846	87
14	1384A	Polk County Landfill	Polk	1	314,226	5,044,989	1,277	3,221,225	16

COG 15: South East Texas Regional Planning Commission—Landfill Locations**COG 15: South East Texas Regional Planning Commission—List of Landfills**

COG	Permit	Site Name	County	Type	2023 Tons	Rem Yds	Rate	Rem Tons	Rem Yrs
15	2214B	Hardin County Landfill	Hardin	1	24	4,279,902	918	1,964,475	100
15	1486B	City of Beaumont Landfill	Jefferson	1	379,600	14,778,925	1,384	10,227,016	27
15	1815A	City of Port Arthur Landfill	Jefferson	1	155,782	13,969,736	1,655	11,559,957	74
15	2027	BFI Golden Triangle Landfill	Jefferson	1	390,590	4,866,069	1,800	4,379,462	12

COG 16: Houston-Galveston Area Council—Landfill Locations



COG 16: Houston-Galveston Area Council—List of Landfills

COG	Permit	Site Name	County	Type	2023 Tons	Rem Yds	Rate	Rem Tons	Rem Yrs
16	1539C	Seabreeze Environmental Landfill	Brazoria	1	1,084,615	28,311,496	1,874	26,527,872	24.5
16	1708	Dixie Farm Road Landfill	Brazoria	4	77,331	794,196	880	349,446	5
16	1502A	Chambers County Landfill	Chambers	1	22,320	16,963,359	1,200	10,178,015	456
16	1535B	Baytown Landfill	Chambers	1	406,513	6,642,701	1,900	6,310,566	17.5
16	1505A	Blue Ridge Landfill	Fort Bend	1	997,615	131,416,345	1,599	105,067,368	75
16	1797B	Sprint Fort Bend County Landfill	Fort Bend	4	306,859	39,268,517	976	19,163,036	42.5
16	2270	Fort Bend Regional Landfill	Fort Bend	1	1,224,732	26,516,616	1,500	19,887,462	18.5
16	1149B	Galveston County Landfill	Galveston	1	348,252	33,974,113	1,571	26,686,666	60
16	1721A	Coastal Plains Recycling and Disposal Facility	Galveston	1	435,528	8,729,820	2,160	9,428,206	15.5
16	1849B	North County Landfill	Galveston	4	16	3,582,354	1,314	2,353,607	100
16	261B	McCarty Road Landfill	Harris	1	1,162,776	13,878,765	2,032	14,100,825	9.5
16	1193	Whispering Pines Landfill	Harris	1	22	10,828,170	222	1,201,927	23.5
16	1307D	Atascocita Recycling and Disposal Facility	Harris	1	1,501,082	29,018,050	1,760	25,535,884	19.5
16	1403	Casco Hauling and Excavation Landfill	Harris	4	117,010	1,825,242	1,100	1,003,883	8.5
16	1540A	Greenshadows Landfill	Harris	4	138,184	1,518,474	1,600	1,214,779	9
16	1565B	Fairbanks Landfill	Harris	4	351,423	14,800,016	1,700	12,580,014	29
16	1586A	WCT Greenbelt Landfill	Harris	4	159,039	1,496,716	984	736,384	3.5
16	1599B	Greenhouse Road Landfill	Harris	4	150,545	10,397,000	1,500	7,797,750	40
16	1921A	Cougar Landfill	Harris	4	16	59,854	1,700	50,876	3
16	2185	Hawthorn Park Landfill	Harris	4	16	60,144	1,700	51,122	3
16	2240C	Ralston Road Landfill	Harris	4	72,638	1,584,351	916	725,633	7.5
16	2304A	Tall Pines Landfill	Harris	4	312,352	14,027,540	1,152	8,079,863	24
16	2344	Lone Star Recycling and Disposal Landfill	Harris	4	347,283	7,156,396	1,420	5,081,041	10
16	1752B	Security Recycling and Disposal Facility	Montgomery	1	381,594	9,808,480	1,560	7,650,614	17
16	2324	Sprint Montgomery Landfill	Montgomery	4	144,002	38,505,171	980	18,867,534	112

COG 17: Golden Crescent Regional Planning Commission—Landfill Locations

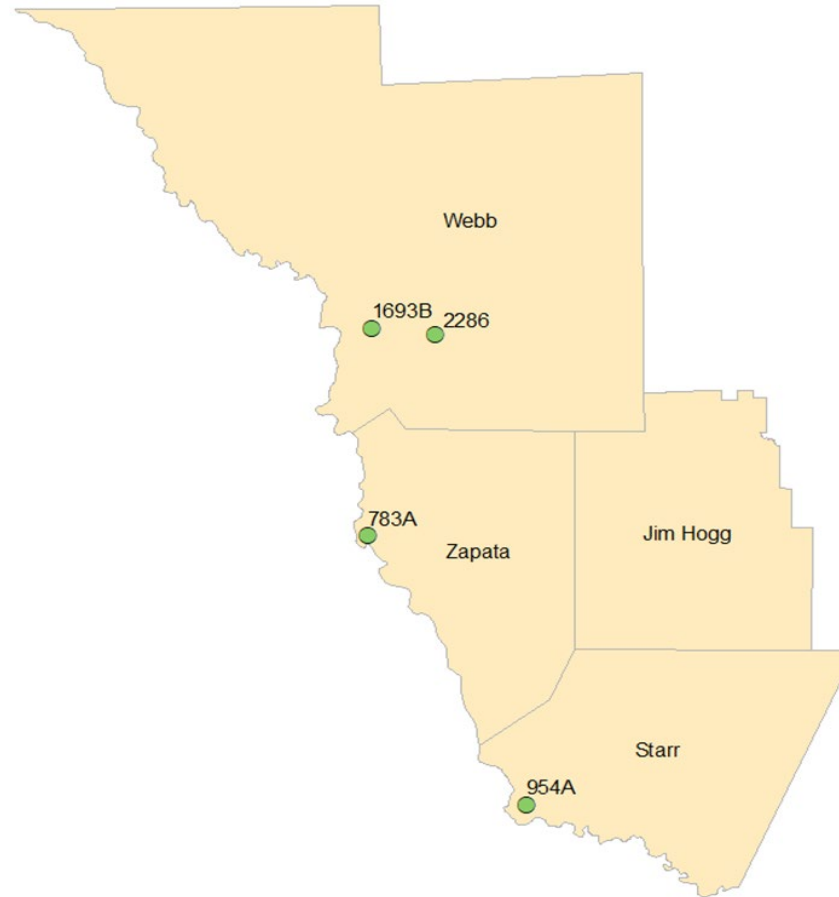


COG 17: Golden Crescent Regional Planning Commission—List of Landfills

COG	Permit	Site Name	County	Type	2023 Tons	Rem Yds	Rate	Rem Tons	Rem Yrs
17	1522A	City of Victoria Landfill	Victoria	1	156,752	5,029,901	1,241	3,121,054	19

COG 18: Alamo Area Council of Governments—Landfill Locations**COG 18: Alamo Area Council of Governments—List of Landfills**

COG	Permit	Site Name	County	Type	2023 Tons	Rem Yds	Rate	Rem Tons	Rem Yrs
18	1410C	Tessman Road Landfill	Bexar	1	1,288,845	60,942,693	1,377	41,959,044	25
18	2093B	Covel Gardens Landfill	Bexar	1	1,235,155	95,818,338	1,800	86,236,504	68
18	66B	Mesquite Creek Landfill	Comal and Guadalupe	1	589,132	5,742,497	1,600	4,593,998	7.5
18	1995	City of Fredericksburg Landfill	Gillespie	1	49,623	1,067,692	1,180	629,938	10.5
18	1848	Beck Landfill	Guadalupe	4	252,721	1,281,065	1,300	832,692	8
18	2378	Post Oak Municipal Solid Waste Landfill	Guadalupe	1	130,957	86,497,852	981	42,427,196	322
18	1506B	City of Kerrville Landfill	Kerr	1	8,899	13,601,535	1,147	7,800,480	876
18	571A	McMullen County Landfill	McMullen	1AE	784	564,755	800	225,902	70

COG 19: South Texas Development Council—Landfill Locations**COG 19: South Texas Development Council—List of Landfills**

COG	Permit	Site Name	County	Type	2023 Tons	Rem Yds	Rate	Rem Tons	Rem Yrs
19	954A	City of Roma Landfill	Starr	1AE&4AE	7,125	6,931,516	850	2,945,894	413
19	1693B	City of Laredo Landfill	Webb	1	418,476	3,450,021	1,296	2,235,614	5
19	2286	Ponderosa Regional Landfill	Webb	1	21	87,696,223	1,060	46,478,998	75331
19	783A	San Ygnacio Landfill	Zapata	1AE&4AE	2,139	232,199	1,000	116,100	27

COG 20: Coastal Bend Council of Governments—Landfill Locations**COG 20: Coastal Bend Council of Governments—List of Landfills**

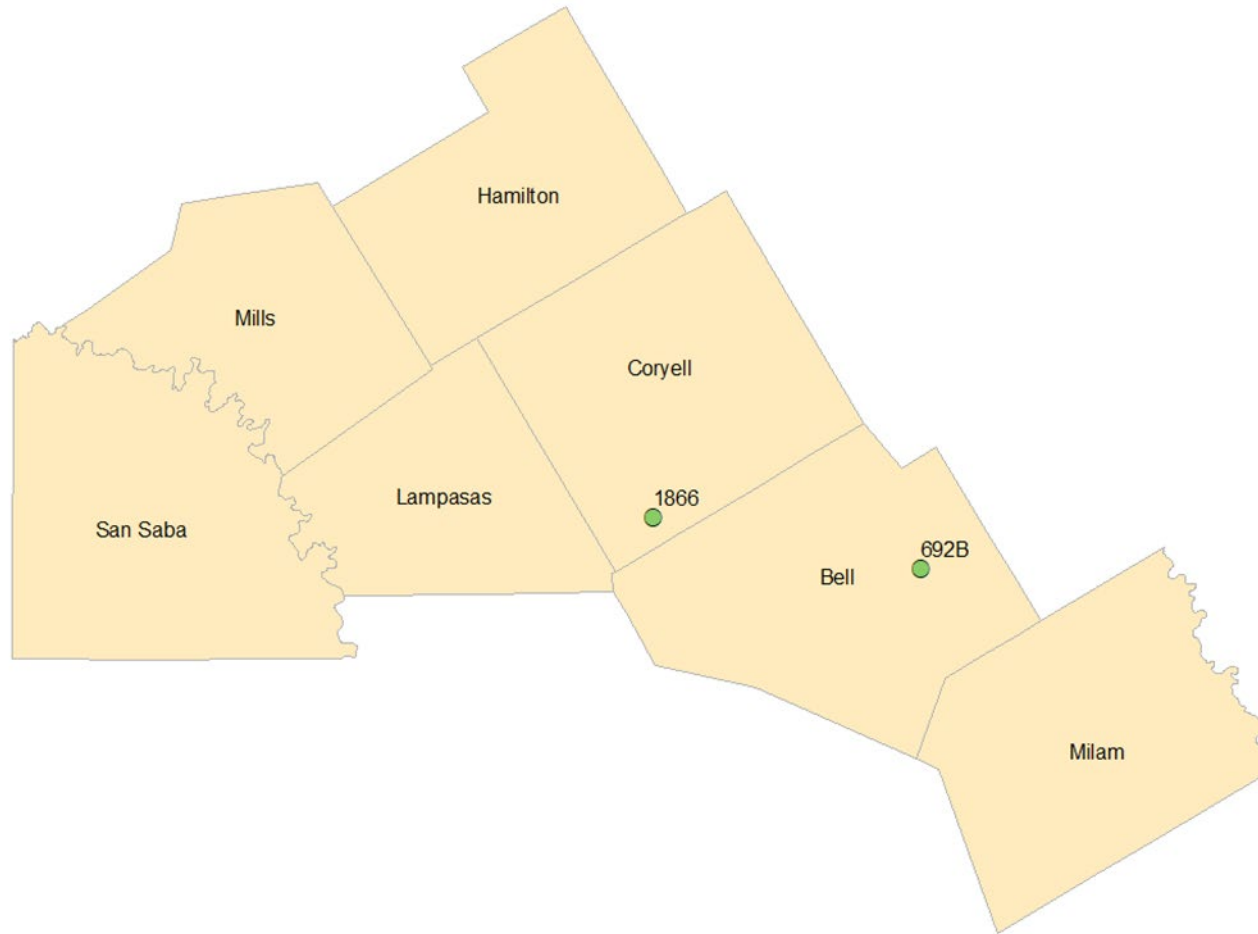
COG	Permit	Site Name	County	Type	2023 Tons	Rem Yds	Rate	Rem Tons	Rem Yrs
20	379	Brooks County Landfill	Brooks	4AE	624	277,243	400	55,449	25
20	262C	City of Alice Landfill	Jim Wells	1	31,704	331,408	1,200	198,845	4.5
20	235C	City of Kingsville Landfill	Kleberg	1	32,427	14,862,789	1,200	8,917,673	97
20	2267	El Centro Landfill	Nueces	1	213,033	12,394,374	1,258	7,796,061	25
20	2269	Cefe Valenzuela Landfill	Nueces	1	378,010	119,569,284	1,487	88,899,763	235
20	2349	Gulley Hurst Landfill	Nueces	4	138,324	7,848,282	750	2,943,106	21

COG 21: Lower Rio Grande Valley Development Council—Landfill Locations**COG 21: Lower Rio Grande Valley Development Council—List of Landfills**

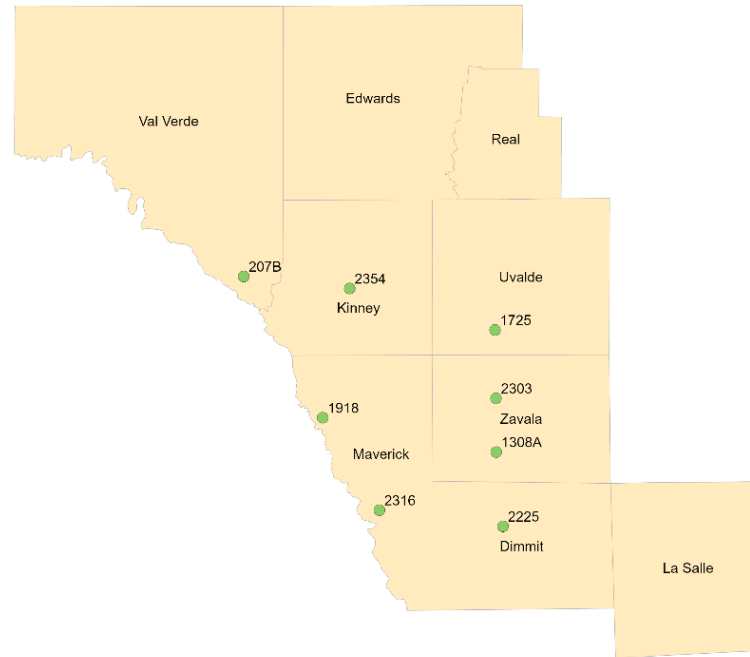
COG	Permit	Site Name	County	Type	2023 Tons	Rem Yds	Rate	Rem Tons	Rem Yrs
21	1273A	City of Brownsville Municipal Landfill	Cameron	1	426,667	25,133,264	1,402	17,618,418	41
21	956C	City of Edinburg Landfill	Hidalgo	1	515,318	68,866,129	1,012	34,846,261	67.5
21	2302	City of Edinburg Landfill	Hidalgo	4	147,600	8,229,977	597	2,456,648	16.5
21	2348	La Gloria Ranch Landfill	Hidalgo	1	505,581	105,391,440	1,437	75,723,750	201

COG 22: Texoma Council of Governments—Landfill Locations**COG 22: Texoma Council of Governments—List of Landfills**

COG	Permit	Site Name	County	Type	2023 Tons	Rem Yds	Rate	Rem Tons	Rem Yrs
22	523B	Hillside Recycling and Disposal Facility	Grayson	1	120,097	10,059,577	720	3,621,448	35
22	2290	TEXOMA Area Solid Waste Authority Disposal and Recycling Facility	Grayson	1	278,840	19,966,795	900	8,985,058	58

COG 23: Central Texas Council of Governments—Landfill Locations**COG 23: Central Texas Council of Governments—List of Landfills**

COG	Permit	Site Name	County	Type	2023 Tons	Rem Yds	Rate	Rem Tons	Rem Yrs
23	692B	Temple Recycling and Disposal Facility	Bell	1	616,125	37,410,312	1,600	29,928,250	47.5
23	1866	Fort Hood Landfill	Coryell	1	21,207	2,268,650	1,100	1,247,758	23

COG 24: Middle Rio Grande Valley Development Council—Landfill Locations**COG 24: Middle Rio Grande Valley Development Council—List of Landfills**

COG	Permit	Site Name	County	Type	2023 Tons	Rem Yds	Rate	Rem Tons	Rem Yrs
24	2225	City of Carrizo Springs Landfill	Dimmit	1AE	7,523	1,416,130	600	424,839	56
24	2354	Fort Clark Springs Association Landfill	Kinney	1AE	62	460,377	300	69,057	142
24	1918	City of Eagle Pass and Maverick Landfill	Maverick	4AE	3,668	1,056,381	750	396,143	13
24	2316	Maverick County El Indio Landfill	Maverick	1	70,048	13,851,320	1,053	7,292,720	104
24	1725	City of Uvalde Landfill	Uvalde	1	21,119	337,534	1,000	168,767	8
24	207B	City of Del Rio Landfill	Val Verde	1	50,698	1,761,208	983	865,634	17
24	1308A	City of Crystal City Landfill	Zavala	1AE	4,310	1,354,488	850	575,657	21
24	2303	Zavala County Landfill	Zavala	1AE	2,212	51,104	550	14,054	16

Facility Data for MSW Processing Facilities

The maps and tables included in this section represent the MSW processing facilities that were active in 2023. The reported tons are in terms of the type of processing activity conducted at a facility: transfer stations reported tons transferred; incinerator facilities reported tons incinerated, and so on. The maps and tables are organized by COG region and county. All reported values were rounded to the nearest whole number.

To access an online report for a specific processing facility through the TCEQ [Central Registry](#)⁹:

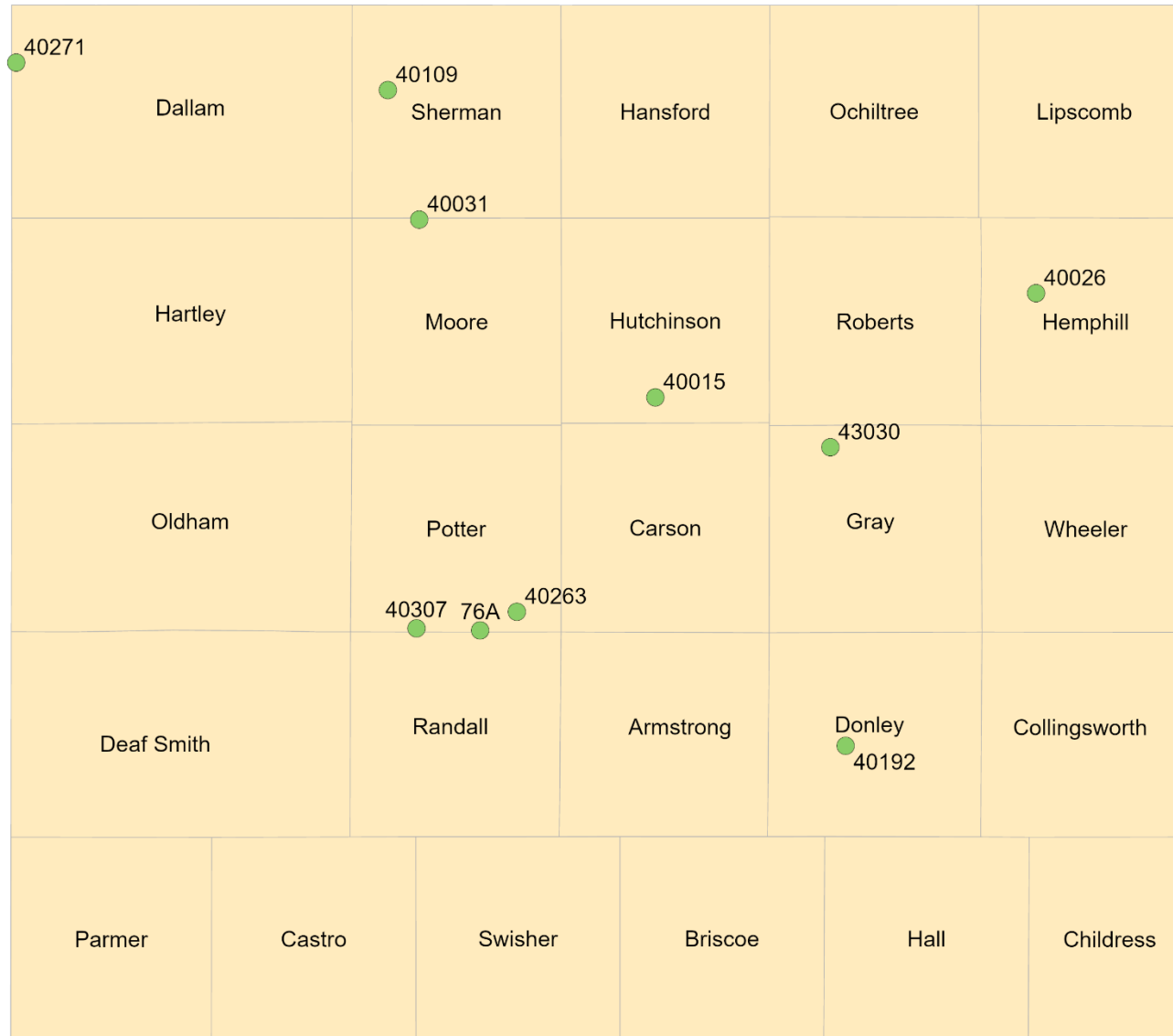
- On the *Central Registry Query—Additional ID Search* page, enter an MSW processing facility permit number, including any amendment letter (e.g., 1355A), or registration number (e.g., 40132) in the *Program ID* field, and click on the Search button.
- If more than one possible result is returned, you will land on the *ID Search Results List* page. Select the appropriate ID based on the Program column – select the entry with a Program of “Municipal Solid Waste Processing.” Otherwise, go to the next step.
- In the resulting list of *Related Information*, select “Periodic Reports.”
- In the *Select Report* field, select “MSW Annual Report” and click on the *Search* button.
- In the *Select Year* field, select the year of interest and click on the *Search* button.

Key for “Facility Type” in MSW Processing Facility Data Tables

Type	Description
5AC	Facility that uses an autoclave to process medical waste
5GG	Liquid waste processing facility (grease trap waste, grit trap waste, sludge, septage)
5MW	Medical waste processing facility (chemical disinfection, maceration, thermal destruction)
5MWTS	Medical waste transfer station
5RC	Compost facility
5TL	Liquid waste transfer station
5TS	Transfer station
5WI	Facility that uses an incinerator to process medical waste or MSW (no electrical power generation)

⁹ www.tceq.texas.gov/goto/cr-searchid

COG 1: Panhandle Regional Planning Commission—Processing Facility Locations

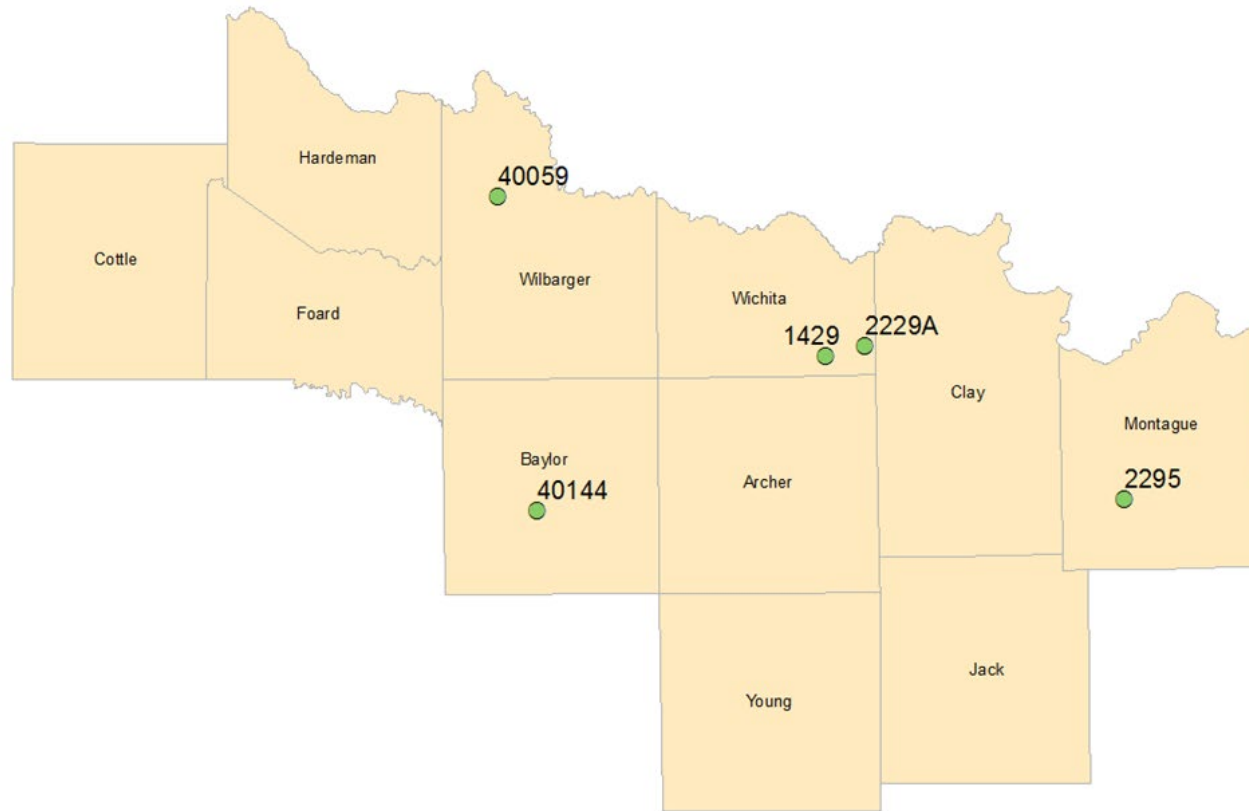


COG 1: Panhandle Regional Planning Commission—List of Processing Facilities

COG	Permit or Registration	Site Name	County	Type	2023 Tons
1	40271	Tri-State Recycling Facility	Dallam	5TS	12,258
1	40192	City of Clarendon Transfer Station	Donley	5TS	416
1	43030	City of Pampa Liquid Waste Processing Facility	Gray	5GG	545
1	40026	City of Canadian Transfer Station	Hemphill	5TS	2,559
1	40015	City of Borger Transfer Station	Hutchinson	5TS	22,167
1	40031	City of Cactus Transfer Station	Moore	5TS	2,304
1	76A	City of Amarillo Transfer Station	Potter	5TS	146,341
1	40263	Biocycle Medical Waste Processing Facility	Potter	5AC	1,569
1	40307	Diversified Waste Management Medical Waste Processing Facility	Potter	5AC	742
1	40109	City of Stratford Transfer Station	Sherman	5TS	2,079

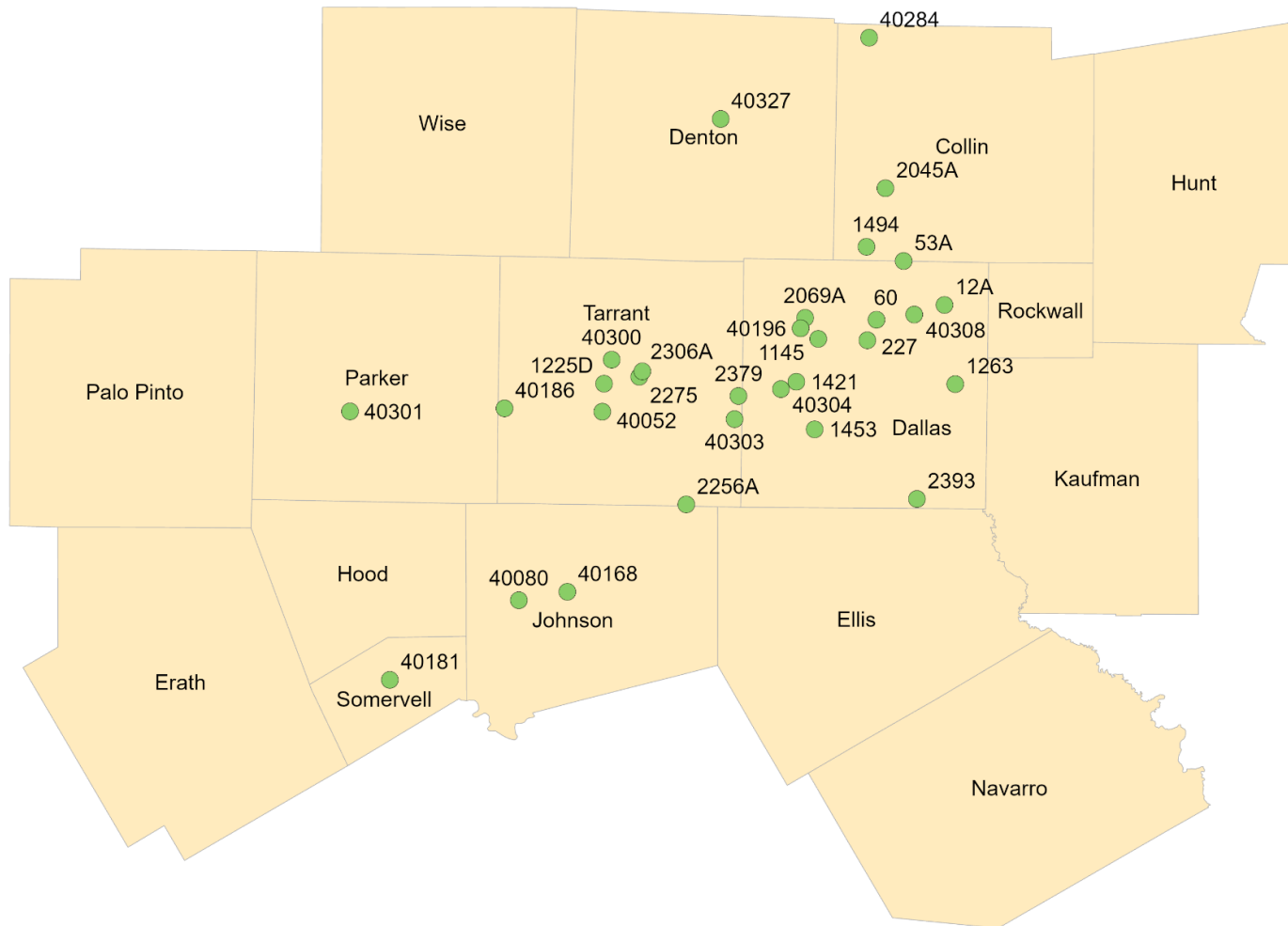
COG 2: South Plains Association of Governments—Processing Facility Locations**COG 2: South Plains Association of Governments—List of Processing Facilities**

COG	Permit or Registration	Site Name	County	Type	2023 Tons
2	40051	City of Levelland Transfer Station	Hockley	5TS	57
2	2231	South Waste Disposal South Plains Liquid Waste Processing Facility	Lubbock	5GG	6,904
2	40176	Caliche Canyon Transfer Station	Lubbock	5TS	76
2	40279	Stericycle Lubbock Medical Waste Transfer Station	Lubbock	5MWTS	1,540

COG 3: Nortex Regional Planning Commission—Processing Facility Locations**COG 3: Nortex Regional Planning Commission—List of Processing Facilities**

COG	Permit or Registration	Site Name	County	Type	2023 Tons
3	40144	City of Seymour Transfer Station	Baylor	5TS	582
3	2295	Bowie Transfer Station	Montague	5TS	60,303
3	1429	City of Wichita Falls Transfer Station	Wichita	5TS	82,763
3	2229A	IMC Liquid Waste Processing Facility	Wichita	5GG	28,181
3	40059	City of Vernon Transfer Station	Wilbarger	5TS	874

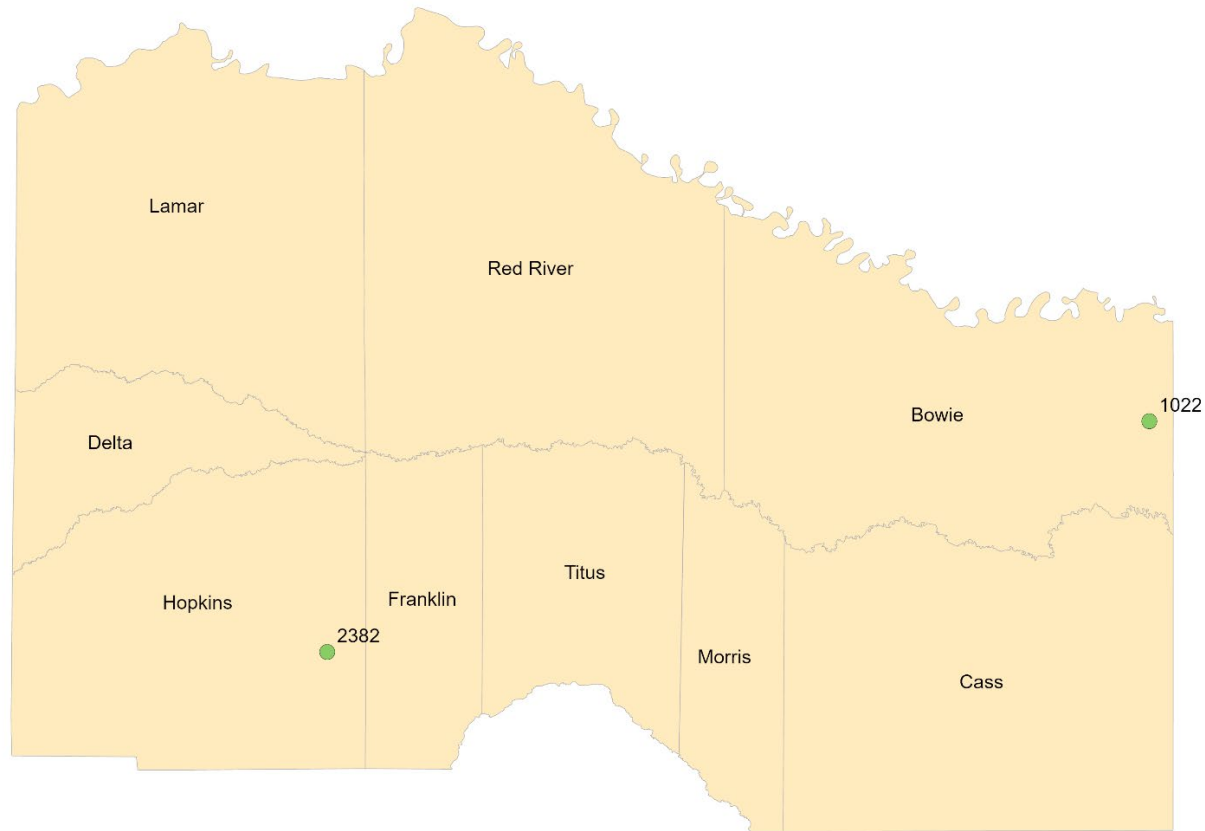
COG 4: North Central Texas Council of Governments—Processing Facility Locations



COG 4: North Central Texas Council of Governments—List of Processing Facilities

COG	Permit or Registration	Site Name	County	Type	2023 Tons
4	53A	Lookout Drive Transfer Station	Collin	5TS	217,651
4	1494	Parkway Transfer Station	Collin	5TS	110,707
4	2045A	Custer Road Transfer Station	Collin	5TS	329,338
4	40284	Town and Country Recycling Facility	Collin	5TS	23,995
4	12A	City of Garland Transfer Station	Dallas	5TS	117,531
4	60	City of Dallas Transfer Station—Fair Oaks Ave	Dallas	5TS	66,550
4	227	City of University Park Transfer Station	Dallas	5TS	12,497
4	1145	City of Dallas Transfer Station—Harry Hines Blvd	Dallas	5TS	147,665
4	1263	City of Mesquite Transfer Station	Dallas	5TS	59,799
4	1453	City of Dallas Transfer Station—Westmoreland Rd	Dallas	5TS	54,259
4	2069A	Liquid Environmental Solutions of Texas Dallas Liquid Waste Processing Facility	Dallas	5GG	155,102
4	2393	Cactus Reclamation Services Wilmer Processing Facility	Dallas	5GG	34,633
4	40196	Community Waste Disposal Transfer Station	Dallas	5TS	153,132
4	40304	Inmar RX Solutions Medical Waste Transfer Station	Dallas	5MWTS	775
4	40308	Stericycle Garland Medical Waste Processing Facility	Dallas	5AC	13,888
4	40327	Safety-Kleen Systems Medical Waste Transfer Station	Denton	5MWTS	286,485
4	40080	Harrington Environmental Liquid Waste Transfer Station	Johnson	5TL	8,080
4	40168	Cleburne Transfer Station	Johnson	5TS	100,570
4	40301	WC Weatherford Transfer Station	Parker	5TS	182,219
4	40181	Somervell County Transfer Station	Somervell	5TS	18,447
4	1225D	Cold Springs Liquid Waste Processing Facility	Tarrant	5GG	73,278
4	2256A	SouthWaste Disposal Dallas Liquid Waste Processing Facility	Tarrant	5GG	129,768
4	2275	North Texas Recycling Complex Transfer Station	Tarrant	5TS	42,123

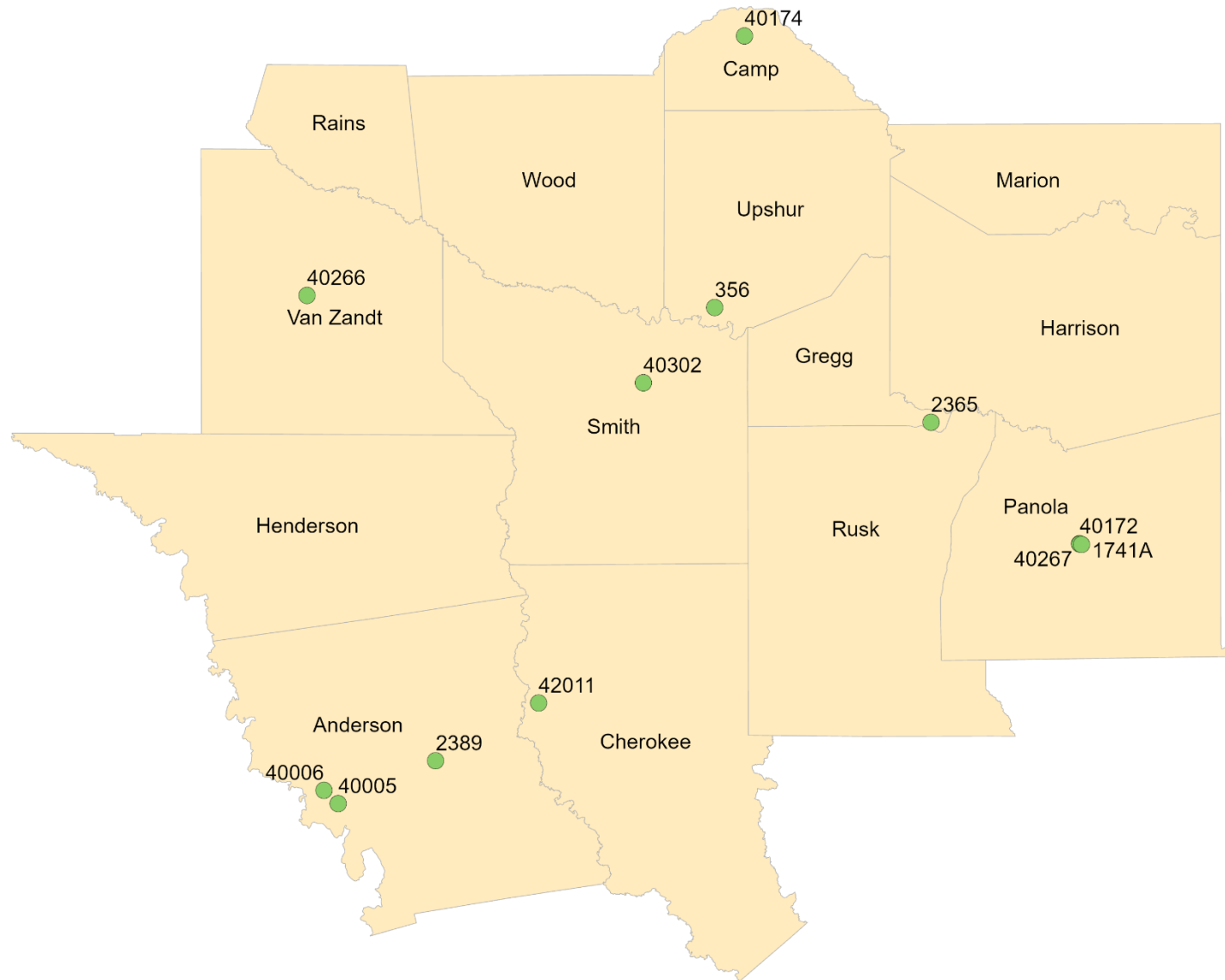
COG	Permit or Registration	Site Name	County	Type	2023 Tons
4	2306A	WC Minnis Drive Transfer Station	Tarrant	5TS	212,260
4	2379	Liquitek Arlington Liquid Waste Processing Facility	Tarrant	5GG	37,506
4	40052	Southwest Paper Stock Transfer Station	Tarrant	5TS	10,792
4	40186	Westside Transfer Station	Tarrant	5TS	155,291
4	40300	Green and Gone North Texas	Tarrant	5MW	125
4	40303	Oncore Technology Medical Waste Processing Facility	Tarrant	5MW	4,148

COG 5: Ark-Tex Council of Governments—Processing Facility Locations**COG 5: Ark-Tex Council of Governments—List of Processing Facilities**

COG	Permit or Registration	Site Name	County	Type	2023 Tons
5	1022	Western Refuse of Texas Transfer Station ¹⁰	Bowie	5TS	0
5	2382	Stouts Creek Compost Facility	Hopkins	5RC	13,736

¹⁰ Facility reported all incoming materials as diverted and no waste transferred for disposal.

COG 6: East Texas Council of Governments—Processing Facility Locations



COG 6: East Texas Council of Governments—List of Processing Facilities

COG	Permit or Registration	Site Name	County	Type	2023 Tons
6	2389	Palestine Transfer Station	Anderson	5TS	42,648
6	40005	TDCJ Beto Transfer Station	Anderson	5TS	1,300
6	40006	TDCJ Coffield Transfer Station	Anderson	5TS	1,450
6	40174	Pittsburgh Transfer Station	Camp	5TS	53,213
6	42011	Angelina Neches River Authority Compost Facility	Cherokee	5RC	5,452
6	2365	Edwards Construction Liquid Waste Processing Facility	Gregg	5GG	7,643
6	1741A	Sharps Environmental Services Medical Waste Processing Facility ¹¹	Panola	5WI	236
6	40172	City of Carthage Transfer Station	Panola	5TS	6,889
6	40267	Sharps Environmental Services Medical Waste Processing Facility	Panola	5WI	1,409
6	40302	Ark-La-Tex Shredding Medical Waste Transfer Station	Smith	5MWTS	<1
6	356	Vital Earth Resources Compost Facility	Upshur	5RC	2,829
6	40266	City of Canton Transfer Station	Van Zandt	5TS	39,565

¹¹ Authorization is for processing MSW only. Facility reported all incoming material as transferred for disposal.

COG 7: West Central Texas Council of Governments—Processing Facility Locations



COG 7: West Central Texas Council of Governments—List of Processing Facilities

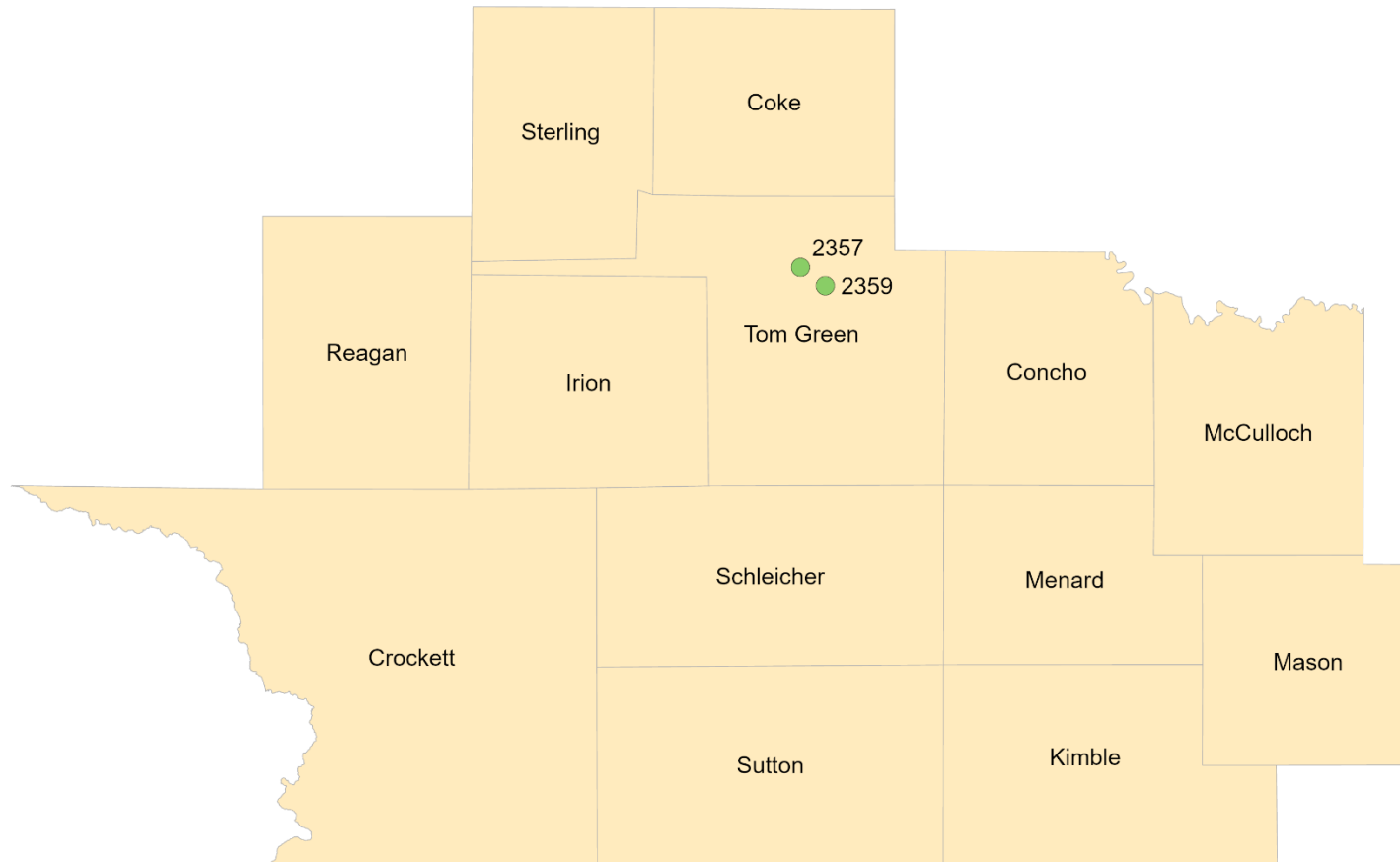
COG	Permit or Registration	Site Name	County	Type	2023 Tons
7	No Processing Facilities in COG Region 7 in 2023				

COG 8: Rio Grande Council of Governments—Processing Facility Locations**COG 8: Rio Grande Council of Governments—List of Processing Facilities**

COG	Permit or Registration	Site Name	County	Type	2023 Tons
8	728	City of El Paso Delta Transfer Station	El Paso	5TS	12,342
8	2355	Liquid Environmental Solutions of Texas El Paso Liquid Waste Processing Facility	El Paso	5GG	23,524
8	40237	El Paso C&D Recycling Plant	El Paso	5TS	1,759
8	40261	Stericycle El Paso Medical Waste Transfer Station	El Paso	5MWTS	1,949
8	40262	Mediawaste Medical Waste Processing Facility	El Paso	5AC	968

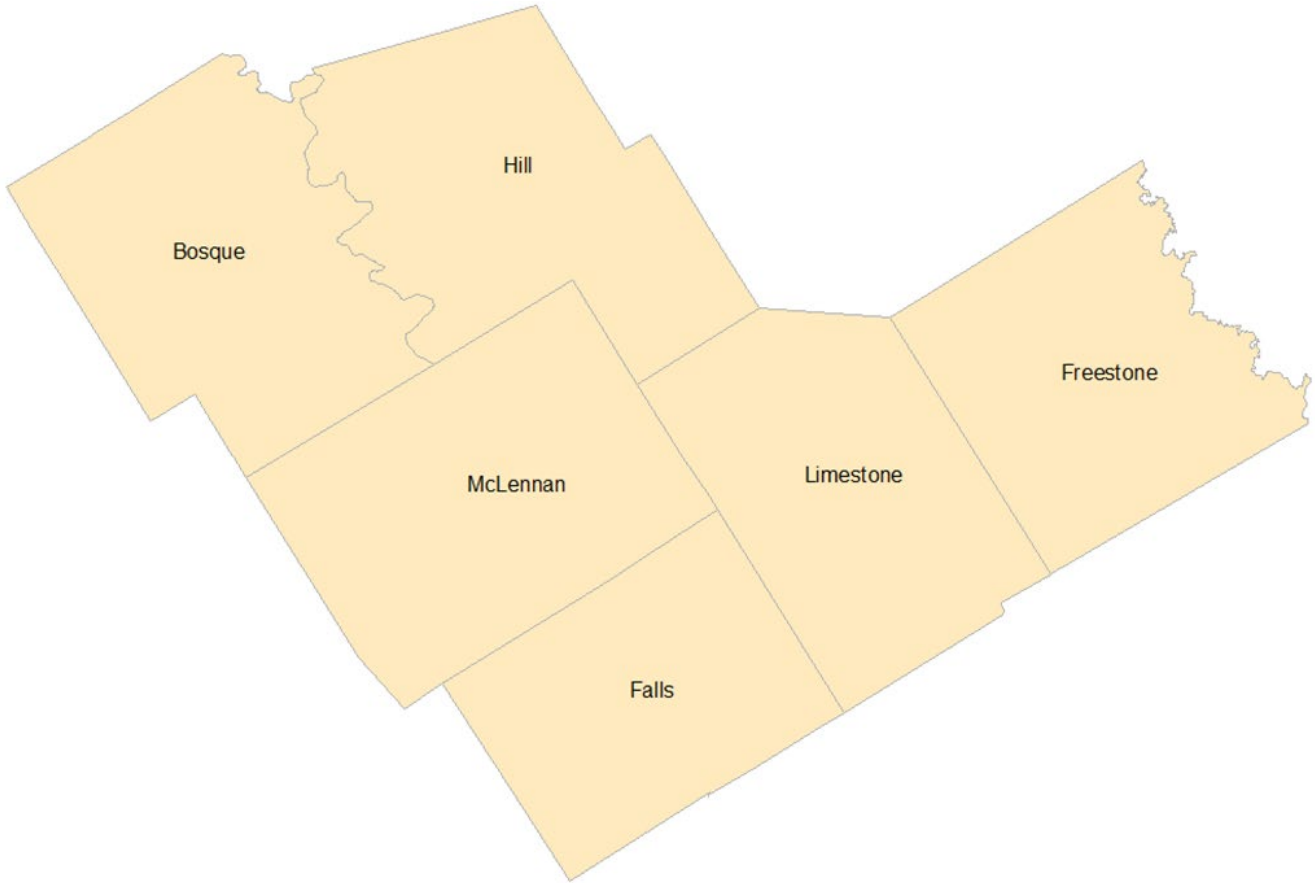
COG 9: Permian Basin Regional Planning Commission—Processing Facility Locations**COG 9: Permian Basin Regional Planning Commission—List of Processing Facilities**

COG	Permit or Registration	Site Name	County	Type	2023 Tons
9	2373	Affordable Dewatering Service Liquid Waste Processing Facility	Midland	5GG	183,549
9	43028	City of Stockton Liquid Waste Processing Facility	Pecos	5GG	774

COG 10: Concho Valley Council of Governments—Processing Facility Locations**COG 10: Concho Valley Council of Governments—List of Processing Facilities**

COG	Permit or Registration	Site Name	County	Type	2023 Tons
10	2357	San Angelo Pro Pump Dewatering & Compost Facility	Tom Green	5RC	1,177
10	2359	D's Recycling Compost Facility	Tom Green	5RC	276

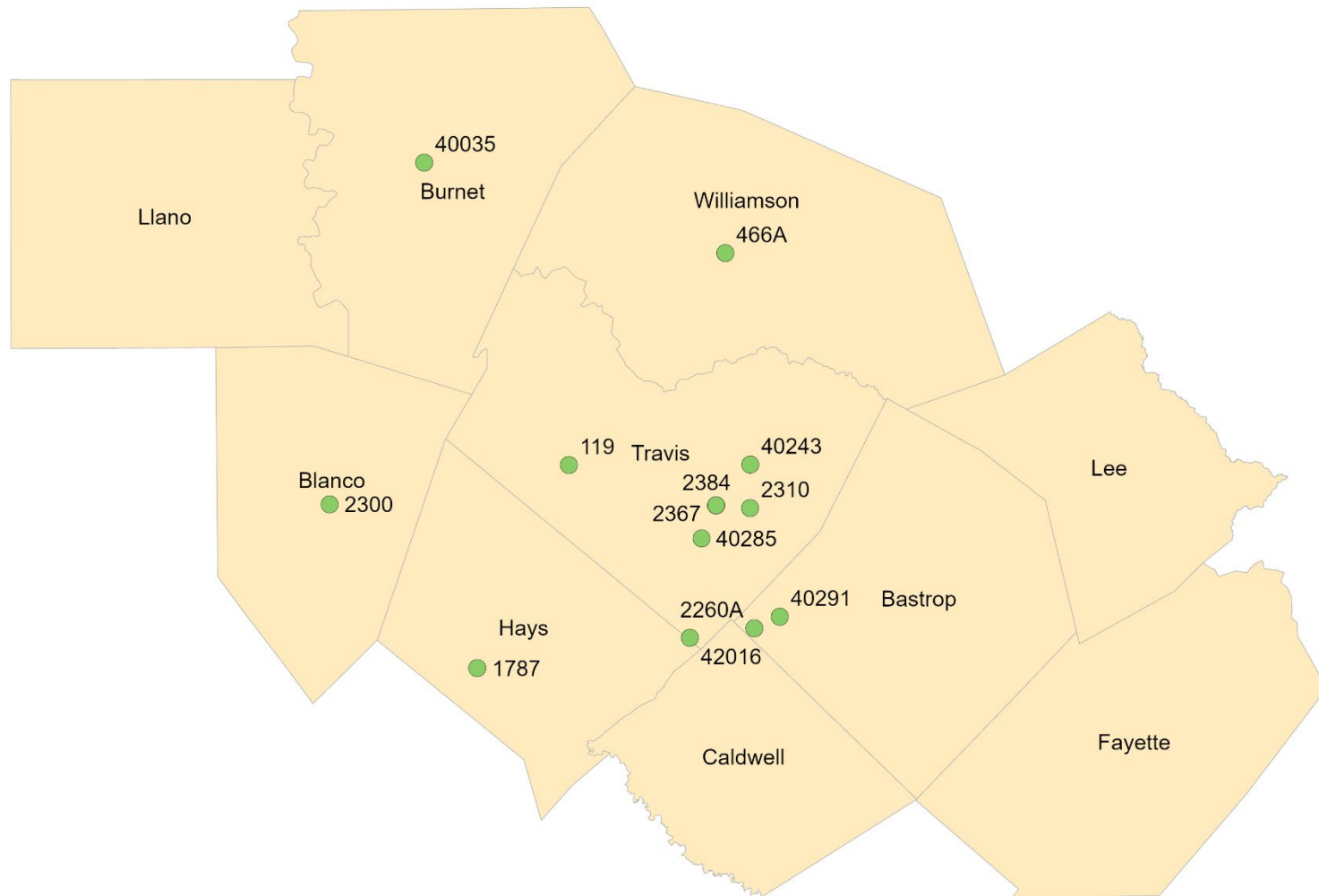
COG 11: Heart of Texas Council of Governments—Processing Facility Locations



COG 11: Heart of Texas Council of Governments—List of Processing Facilities

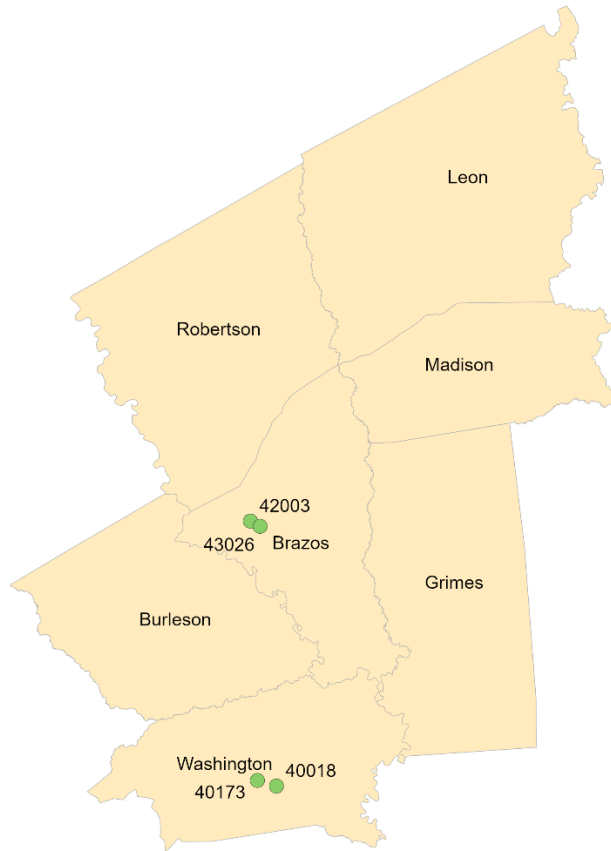
COG	Permit or Registration	Site Name	County	Type	2023 Tons
11	No Processing Facilities in COG Region 11 in 2023				

COG 12: Capital Area Council of Governments—Processing Facility Locations

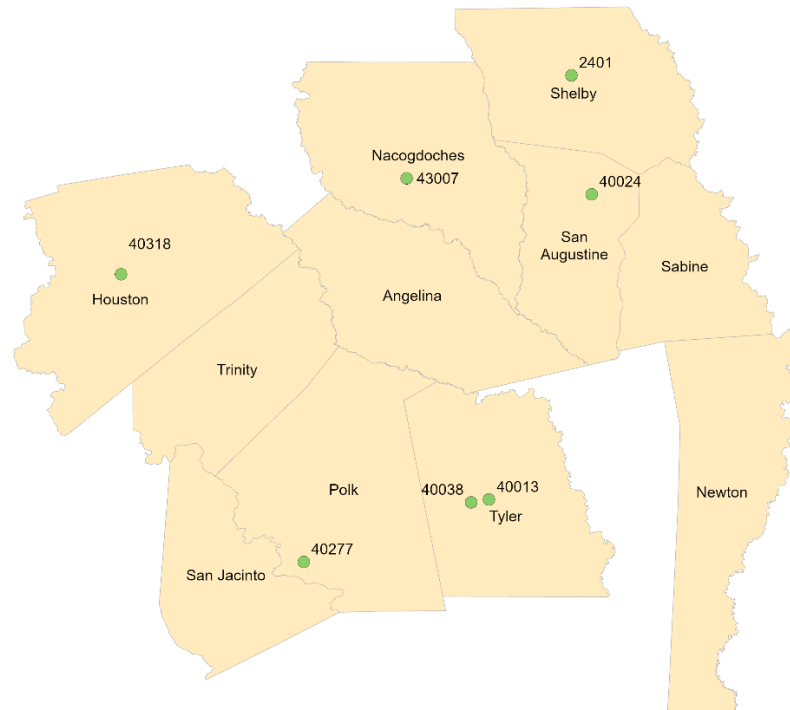


COG 12: Capital Area Council of Governments—List of Processing Facilities

COG	Permit or Registration	Site Name	County	Type	2023 Tons
12	2260A	Stericycle Austin Medical Waste Processing Facility	Bastrop	5AC	6,293
12	40291	Bastrop Transfer Station	Bastrop	5TS	2,587
12	2300	Blanco County Transfer Station	Blanco	5TS	19,214
12	40035	Burnet Transfer Station	Burnet	5TS	40,634
12	1787	Hays County Transfer Station	Hays	5TS	1,487
12	119	Texas Disposal System Eco Depot	Travis	5TS	11,796
12	2310	J-V Dirt + Loam Composting Facility	Travis	5RC	99,542
12	2367	Austin Liquid Waste Processing Facility	Travis	5GG	93,498
12	2384	Austin Wastewater Liquid Waste Processing Facility	Travis	5GG	371,416
12	40243	River City Recycles Transfer Station	Travis	5TS	23,300
12	40285	Burleson Road Liquid Waste Processing Facility	Travis	5GG	63,217
12	42016	Texas Organic Recovery Compost Facility	Travis	5RC	25,964
12	466A	City of Georgetown Transfer Station	Williamson	5TS	129,337

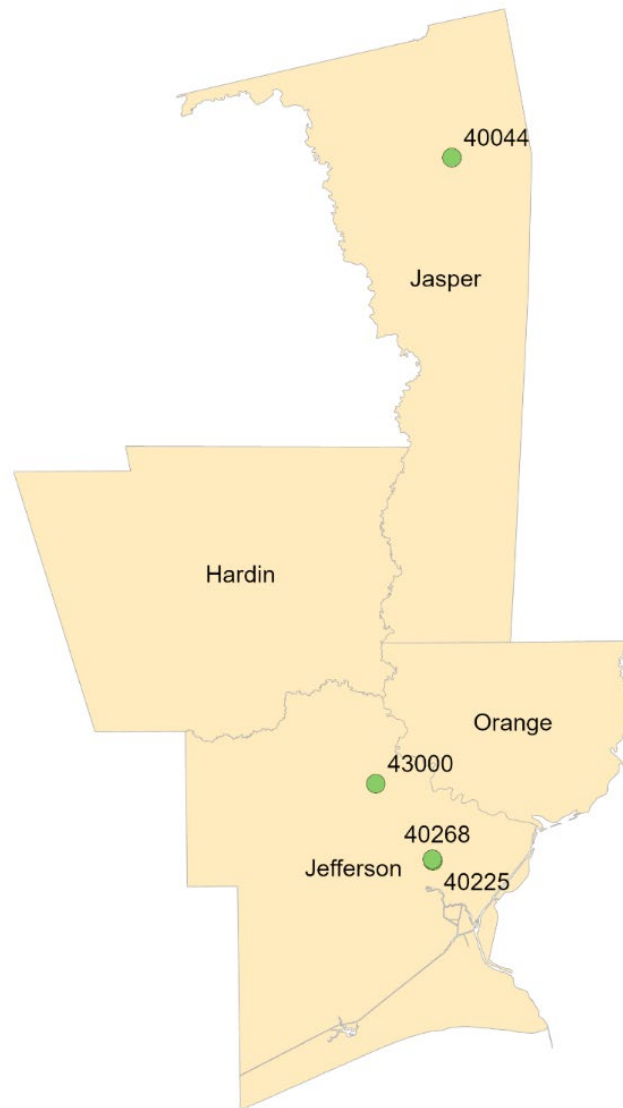
COG 13: Brazos Valley Council of Governments—Processing Facility Locations**COG 13: Brazos Valley Council of Governments—List of Processing Facilities**

COG	Permit or Registration	Site Name	County	Type	2023 Tons
13	42003	Bryan Compost Facility	Brazos	5RC	13,025
13	43026	Still Creek Liquid Waste Processing Facility	Brazos	5GG	10,159
13	40018	City of Brenham Transfer Station	Washington	5TS	44,224
13	40173	Washington County Transfer Station	Washington	5TS	43,958

COG 14: Deep East Texas Council of Governments—Processing Facility Locations**COG 14: Deep East Texas Council of Governments—List of Processing Facilities**

COG	Permit or Registration	Site Name	County	Type	2023 Tons
14	40318	Piney Woods Sanitation Transfer Station	Houston	5TS	9,366
14	43007	City of Nacogdoches Grease Treatment Facility	Nacogdoches	5GG	3,909
14	40277	Pro Star Waste Transfer Station	Polk	5TS	500
14	40024	City of San Augustine Transfer Station	San Augustine	5TS	2,976
14	2401	R&J Recycling and Disposal Transfer Station	Shelby	5TS	18,285
14	40013	City of Woodville Transfer Station	Tyler	5TS	3,412
14	40038	Tyler County Transfer Station	Tyler	5TS	4,936

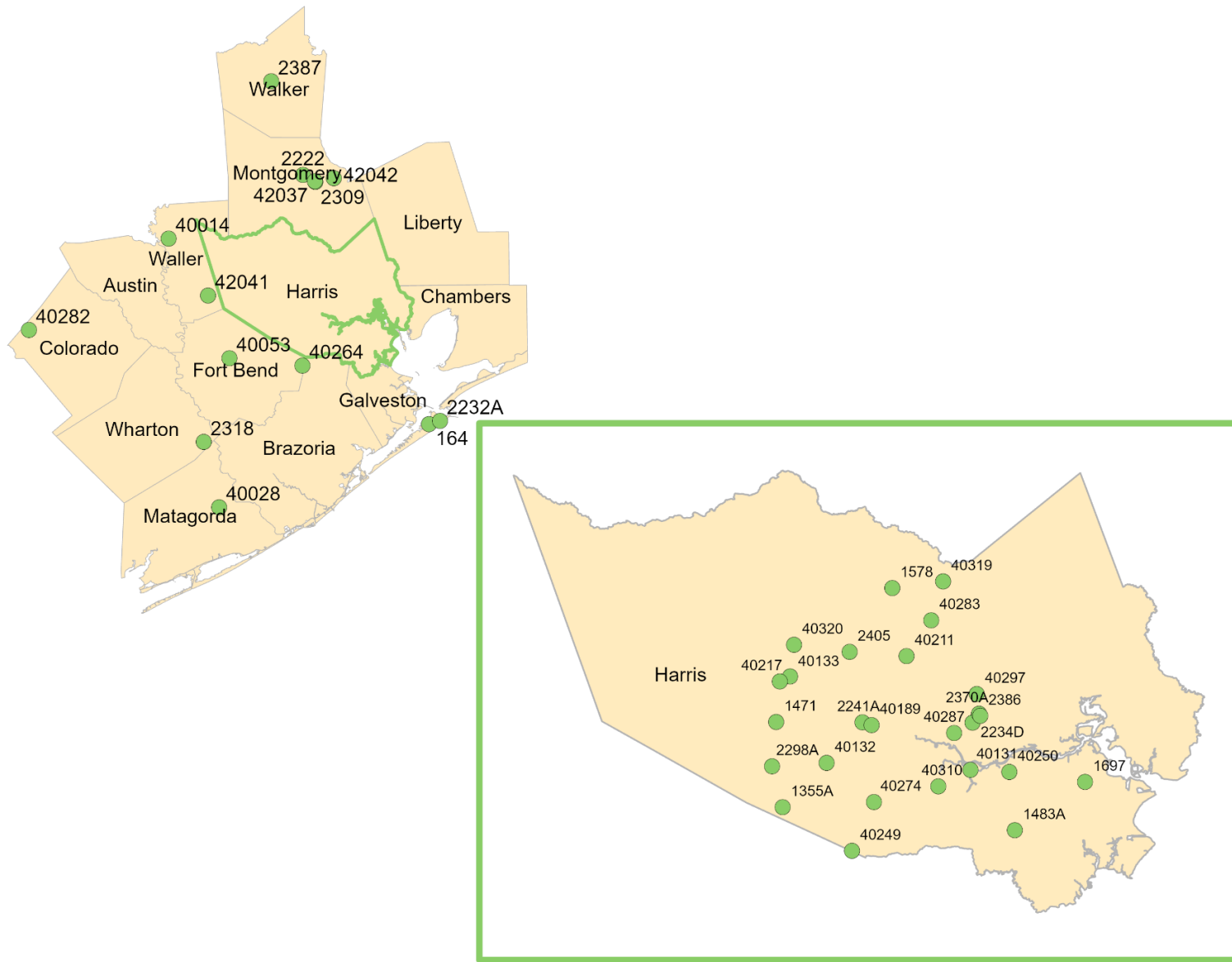
COG 15: South East Texas Regional Planning Commission—Processing Facility Locations



COG 15: South East Texas Regional Planning Commission—List of Processing Facilities

COG	Permit or Registration	Site Name	County	Type	2023 Tons
15	40044	City of Jasper Transfer Station	Jasper	5TS	17,000
15	40225	Sprint Recycling Center—Port Arthur	Jefferson	5TS	15,202
15	40268	Biomedical Waste Solutions Medical Waste Processing Facility	Jefferson	5AC	1,597
15	43000	JTB Recycling Liquid Waste Processing Facility	Jefferson	5GG	27,155

COG 16: Houston-Galveston Area Council—Processing Facility Locations

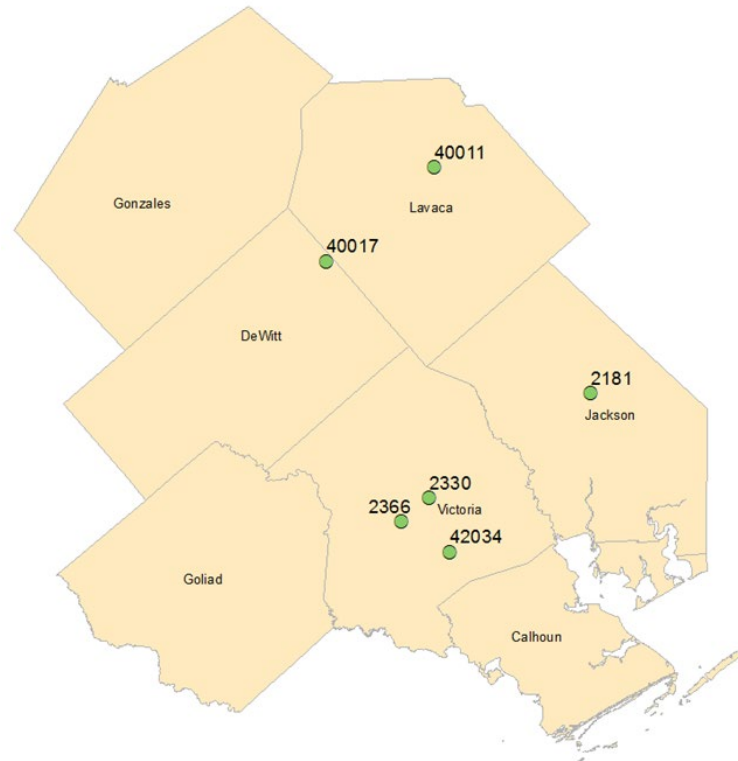


COG 16: Houston-Galveston Area Council List of Processing Facilities

COG	Permit or Registration	Site Name	County	Type	2023 Tons
16	40282	City of Weimar Transfer Station	Colorado	5TS	49,322
16	40053	Best Septic Tank Cleaning Liquid Waste Transfer Station	Fort Bend	5TL	2,113
16	40264	Stericycle Fresno Medical Waste Transfer Station	Fort Bend	5MWTS	4,224
16	164	City of Galveston Transfer Station	Galveston	5TS	106,698
16	2232A	UTMB Galveston Medical Waste Processing ¹²	Galveston	5WI	297
16	1355A	Ruffino Hills Transfer Station	Harris	5TS	423,031
16	1471	Sam Houston Recycling Center	Harris	5TS	214,359
16	1483A	Koenig Street Transfer Station	Harris	5TS	55,413
16	1578	Hardy Road Transfer Station	Harris	5TS	402,515
16	1697	City of Deer Park Transfer Station	Harris	5TS	17,739
16	2234D	Liquid Environmental Solutions of Texas Houston Liquid Waste Processing Facility	Harris	5GG	251,266
16	2241A	SouthWaste Disposal Hurst Liquid Waste Processing Facility	Harris	5GG	151,332
16	2298A	Downstream Liquid Waste Processing Facility	Harris	5GG	64,150
16	2370A	Wastewater Residuals Management Liquid Waste Processing Facility	Harris	5GG	150,221
16	2386	EZ Waste MSW Resource Recovery and Transfer Facility	Harris	5TS	40,267
16	2405	R&J Transfer Station	Harris	5TS	227,971
16	40131	Houston Southeast Transfer Station	Harris	5TS	253,419
16	40132	Houston Southwest Transfer Station	Harris	5TS	384,820
16	40133	Houston Northwest Transfer Station	Harris	5TS	16,154
16	40189	Egbert Transfer Station	Harris	5TS	32,730
16	40211	Sprint Recycling Center—Northeast	Harris	5TS	50,863
16	40217	Tanner Road Transfer Station	Harris	5TS	55,996
16	40249	Lone Star Recycling & Disposal Facility Transfer Station	Harris	5TS	344,359

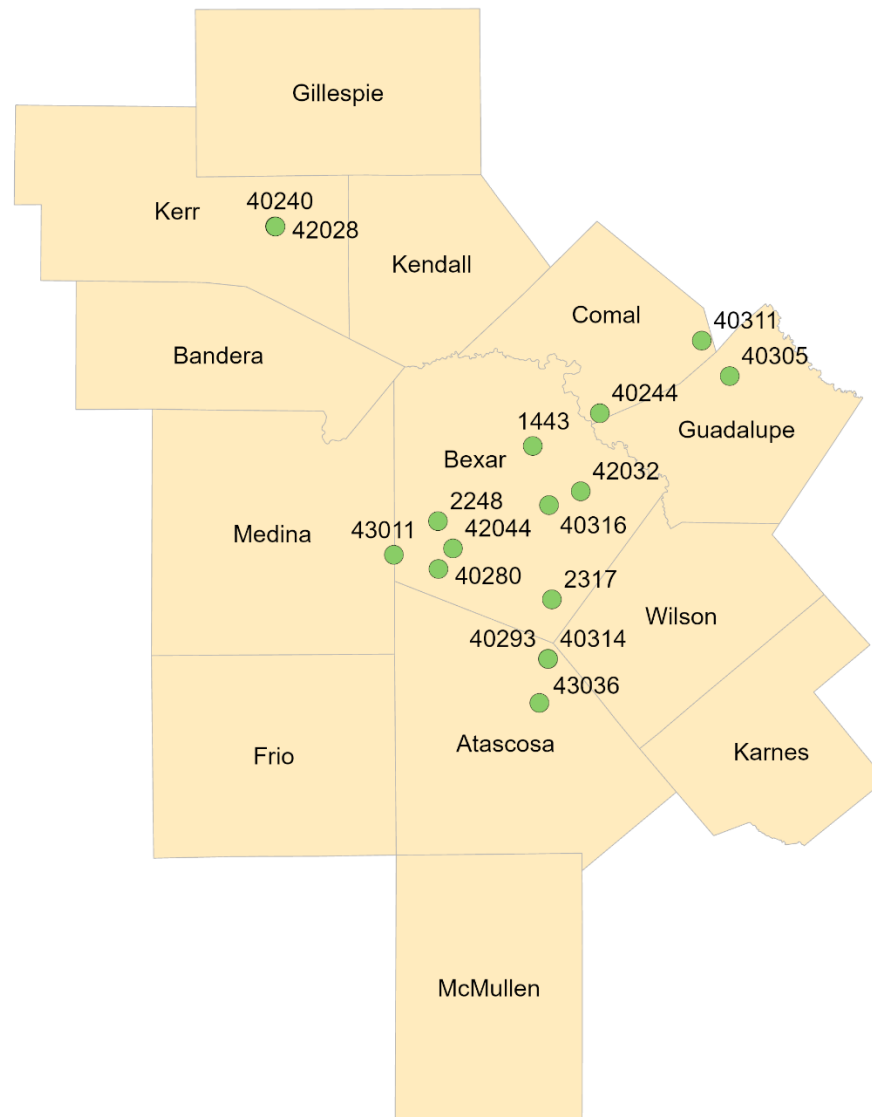
¹² Facility not authorized to process MSW.

COG	Permit or Registration	Site Name	County	Type	2023 Tons
16	40250	Lone Star SRD Shredding Recycling Disposal Medical Waste Processing Facility	Harris	5AC	150
16	40274	Holmes Road Transfer Station	Harris	5TS	89,262
16	40283	Daniels Sharpsmart Houston Medical Waste Processing Facility	Harris	5MW	483
16	40287	Gainsborough Waste Transfer Station	Harris	5TS	73,170
16	40297	FCC Materials Recovery Facility	Harris	5TS	24,999
16	40310	Nucore Environmental Services Medical Waste Processing Facility	Harris	5AC	523
16	40319	OHS Telephone Rd Medical Waste Processing Facility	Harris	5MW	1,096
16	40320	HWS Prairie Transfer Station	Harris	5TS	21,497
16	40028	Matagorda County Transfer Station	Matagorda	5TS	3,593
16	2222	Stericycle Conroe Medical Waste Processing Facility	Montgomery	5AC	17,002
16	2309	Mid America Transfer Station & Material Recovery Facility	Montgomery	5TS	191,875
16	42037	New Earth Conroe Compost Facility	Montgomery	5RC	49,739
16	42042	Triple-S Compost Facility	Montgomery	5RC	71,809
16	2387	City of Huntsville Transfer Station	Walker	5TS	46,927
16	40014	City of Hempstead Transfer Station	Waller	5TS	128
16	42041	New Earth Soils and Compost Facility	Waller	5RC	786,358
16	2318	Don Tol Compost Facility	Wharton	5RC	4,584

COG 17: Golden Crescent Regional Planning Commission—Processing Facility Locations**COG 17: Golden Crescent Regional Planning Commission—List of Processing Facilities**

COG	Permit or Registration	Site Name	County	Type	2023 Tons
17	40017	City of Yoakum Transfer Station	Dewitt	5TS	37,418
17	2181	Jackson County Transfer Station	Jackson	5TS	1,988
17	40011	City of Hallettsville Transfer Station	Lavaca	5TS	455
17	2330	Victoria Environmental Liquid Waste Processing Facility	Victoria	5GG	24,428
17	2366	Victoria Regional WWTP Grit Trap Waste Processing Facility	Victoria	5GG	567
17	42034	Victoria Compost Facility	Victoria	5RC	15,420

COG 18: Alamo Area Council of Governments—Processing Facility Locations



COG 18: Alamo Area Council of Governments—List of Processing Facilities

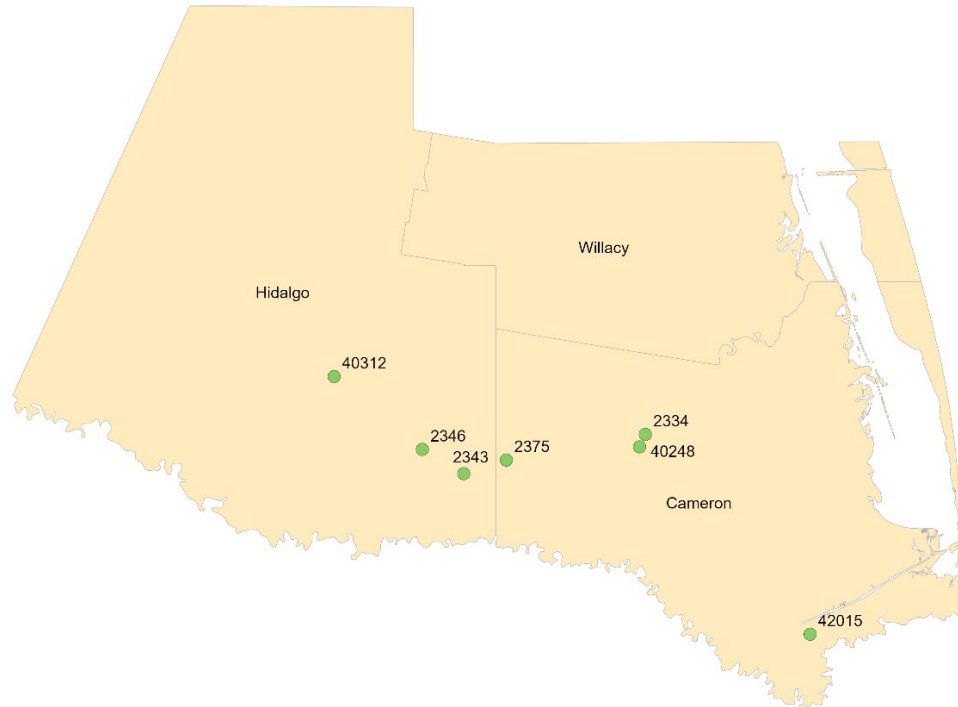
COG	Permit or Registration	Site Name	County	Type	2023 Tons
18	40293	Terrabella Environmental Services Medical Waste Transfer Station	Atascosa	5MWTS	1
18	40314	Terrabella Environmental Services Medical Waste Transfer Station	Atascosa	5MWTS	125
18	43036	CLC Services Liquid Waste Transfer Station	Atascosa	5TL	5
18	1443	City of San Antonio Starcrest Transfer Station	Bexar	5TS	112,973
18	2248	Liquid Environmental Solutions of Texas San Antonio Liquid Waste Processing Facility	Bexar	5GG	40,136
18	2317	SouthWaste Disposal San Antonio Compost Facility	Bexar	5RC	44,955
18	40280	Stericycle San Antonio Medical Waste Transfer Station	Bexar	5MWTS	3,846
18	40316	7250 FM 1346 Medical Waste Processing Facility	Bexar	5MW	507
18	42032	New Earth San Antonio Compost Facility	Bexar	5RC	163,706
18	42044	Nelson Road Compost Facility	Bexar	5RC	233,100
18	40244	Medsharps Schertz Medical Waste Processing Facility	Comal	5AC	5,292
18	40311	Sharps Environmental Services Medical Waste Transfer Station	Comal	5MWTS	63
18	40305	Texas Decon Medical Waste Processing Facility	Guadalupe	5MW	167
18	40240	City of Kerrville Transfer Station	Kerr	5TS	78,495
18	42028	City of Kerrville Compost Facility	Kerr	5RC	8,902
18	43011	LaCoste Waste Water Treatment Plant	Medina	5GG	40,595

COG 19: South Texas Development Council—Processing Facility Locations**COG 19: South Texas Development Council—List of Processing Facilities**

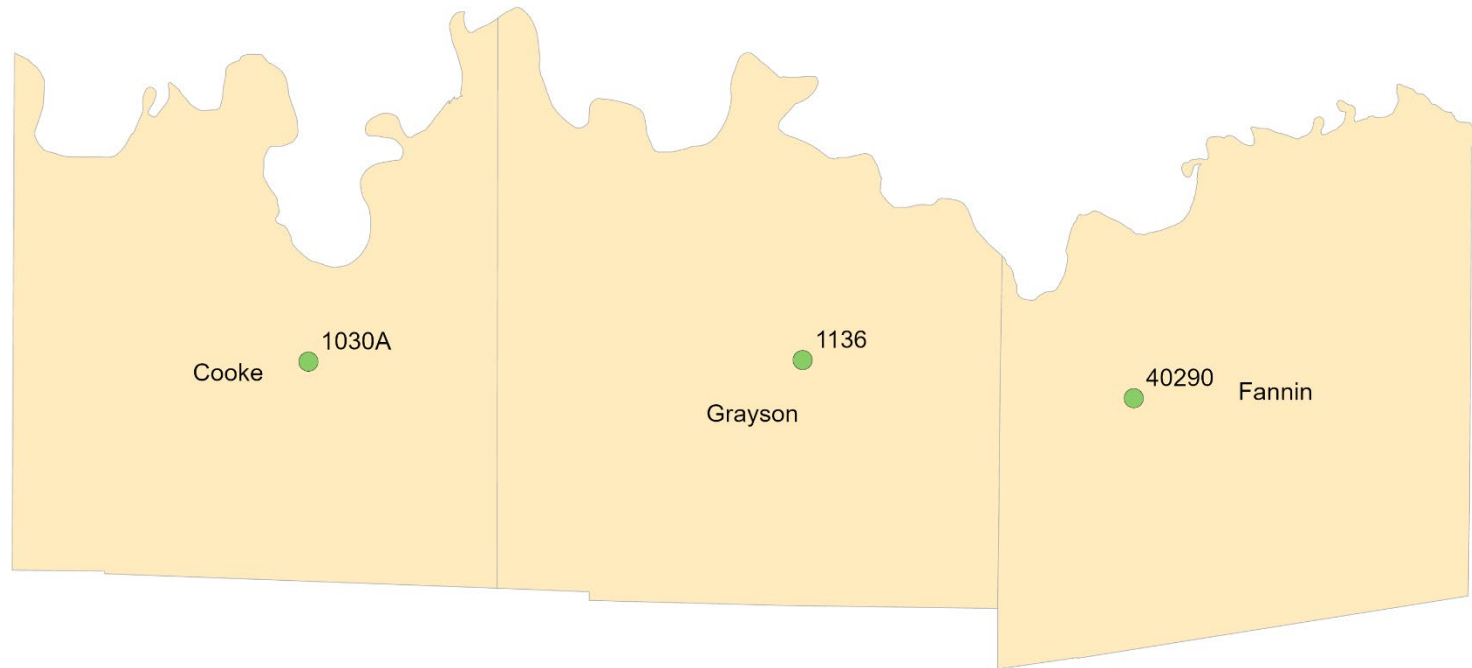
COG	Permit or Registration	Site Name	County	Type	2023 Tons
19	40103	Jim Hogg County Transfer Station	Jim Hogg	5TS	8,600
19	40238	Starr County Transfer Station	Starr	5TS	30,047

COG 20: Coastal Bend Council of Governments—Processing Facility Locations**COG 20: Coastal Bend Council of Governments—List of Processing Facilities**

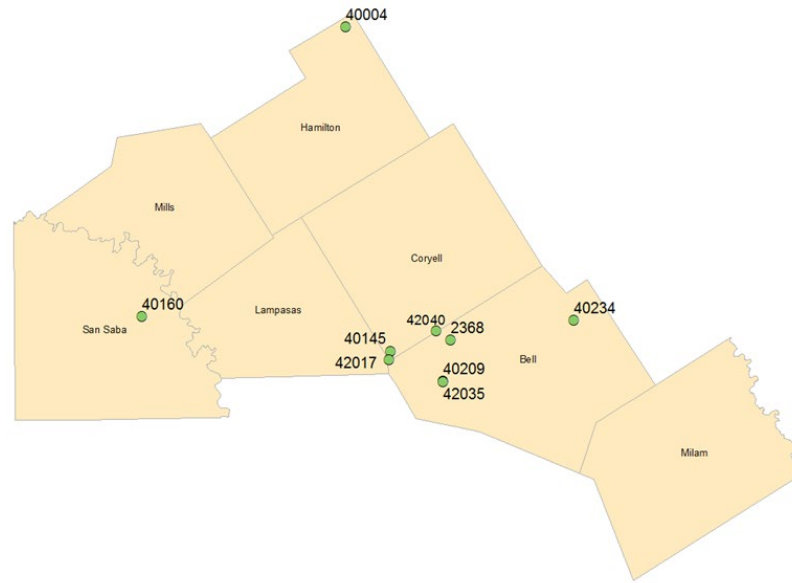
COG	Permit or Registration	Site Name	County	Type	2023 Tons
20	40027	Aransas County Transfer Station	Aransas	5TS	4,741
20	40228	JC Elliott Transfer Station	Nueces	5TS	86,536
20	40270	Envirotech Waste Solutions Medical Waste Processing Facility	Nueces	5MW	80
20	40298	Premier Bio Waste Solutions Medical Waste Processing Facility	Nueces	5MW	193
20	40328	Stericycle Corpus Christi Medical Waste Transfer Station	Nueces	5MWTS	913
20	2319	Texas Sludge Disposal Compost Facility	San Patricio	5RC	17,783

COG 21: Lower Rio Grande Valley Development Council—Processing Facility Locations**COG 21: Lower Rio Grande Valley Development Council—List of Processing Facilities**

COG	Permit or Registration	Site Name	County	Type	2023 Tons
21	2334	Stericycle Harlingen Medical Waste Processing Facility	Cameron	5MW	3,283
21	2375	La Feria Transfer Station	Cameron	5TS	290,134
21	40248	City of Harlingen Transfer Station	Cameron	5TS	78,682
21	42015	City of Brownsville Compost Facility	Cameron	5RC	27,660
21	2343	Valley Dewatering Liquid Waste Processing Facility	Hidalgo	5GG	14,239
21	2346	Liquid Environmental Solutions of Texas Weslaco Liquid Waste Processing Facility	Hidalgo	5GG	21,370
21	40312	Terrabella Environmental Services Medical Waste Transfer Station	Hidalgo	5MWTS	12

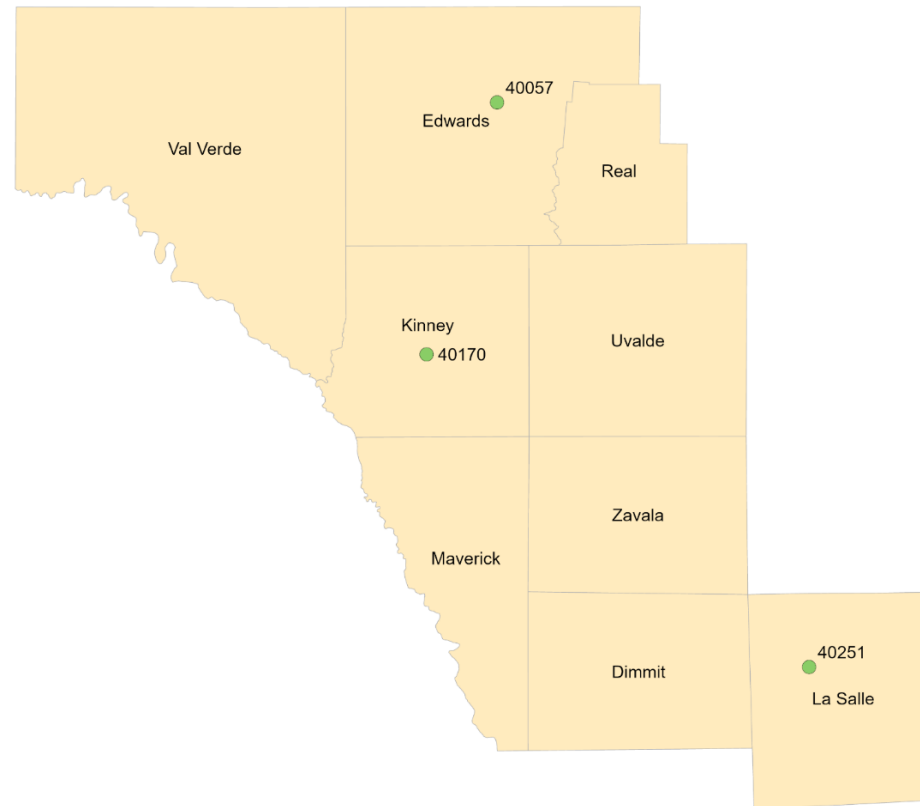
COG 22: Texoma Council of Governments—Processing Facility Locations**COG 22: Texoma Council of Governments—List of Processing Facilities**

COG	Permit or Registration	Site Name	County	Type	2023 Tons
22	1030A	City of Gainesville Transfer Station	Cooke	5TS	36,825
22	40290	Fannin County Transfer Station	Fannin	5TS	37,661
22	1136	City of Sherman Transfer Station	Grayson	5TS	13,942

COG 23: Central Texas Council of Governments—Processing Facility Locations**COG 23: Central Texas Council of Governments—List of Processing Facilities**

COG	Permit or Registration	Site Name	County	Type	2023 Tons
23	2368	S & M Vacuum & Liquid Waste Processing Facility	Bell	5GG	3,544
23	40209	Killeen Transfer Station	Bell	5TS	129,367
23	40234	Stericycle Temple Medical Waste Transfer Station	Bell	5MWTS	862
23	42035	Bell County WCID 1 Regional Compost Facility	Bell	5RC	9,077
23	40145	City of Copperas Cove Transfer Station	Coryell	5TS	30,533
23	42017	City of Copperas Cove Compost Facility ¹³	Coryell	5RC	1,202
23	42040	Fort Hood Biotreatment Facility	Coryell	5TS	149
23	40004	City of Hico Transfer Station	Hamilton	5TS	48
23	40160	City of San Saba Transfer Station	San Saba	5TS	4,103

¹³ Facility reported chipping of brush for mulch only; no composting occurred on-site in 2023.

COG 24: Middle Rio Grande Development Council—Processing Facility Locations**COG 24: Middle Rio Grande Development Council—List of Processing Facilities**

COG	Permit or Registration	Site Name	County	Type	2023 Tons
24	40057	City of Rock Springs Transfer Station	Edwards	5TS	11
24	40170	City of Brackettville Transfer Station	Kinney	5TS	1,014
24	40251	City of Cotulla Transfer Station	La Salle	5TS	10

Facility Data for MSW Facilities Recovering Landfill Gas for Beneficial Use

The map and table included in this section represent the active facilities that recovered landfill gas for beneficial use (Type 9GR) in 2023. The table is organized by COG region and county. All reported values were rounded to the nearest whole number.

To access an online report for a specific landfill gas recovery facility through the TCEQ [Central Registry](#)¹⁴:

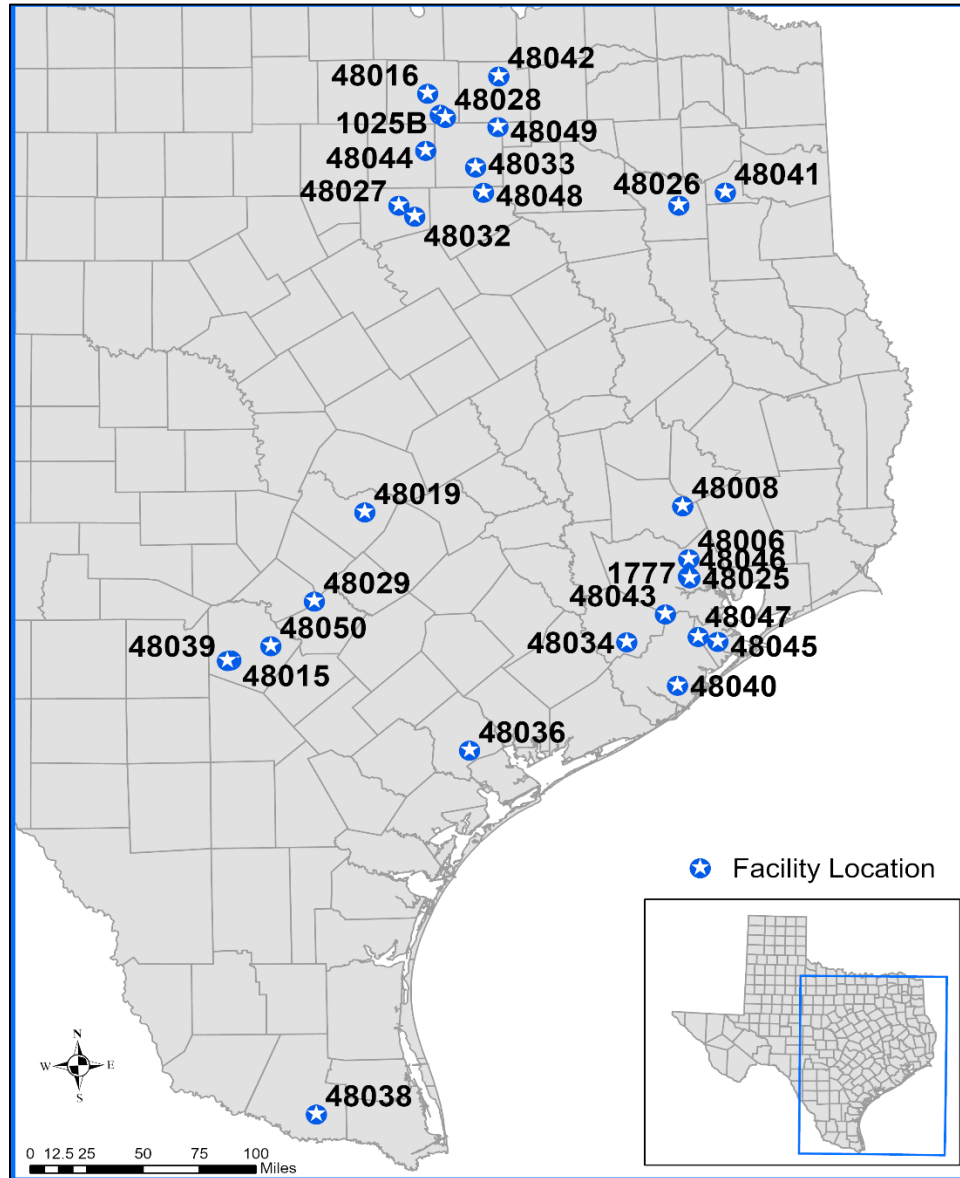
- On the *Central Registry Query—Additional ID Search* page, enter an MSW processing facility permit number, including any amendment letter (e.g., 1355A), or registration number (e.g., 40132) in the *Program ID* field, and click on the *Search* button.
- If more than one possible result is returned, you will land on the *ID Search Results List* page. Select the appropriate ID based on the *Program* column – select the item with a Program of “Municipal Solid Waste Processing.” Otherwise, go to the next step.
- In the resulting list of *Related Information*, select “Periodic Reports.”
- In the *Select Report* field, select “MSW Annual Report” and click on the *Search* button.
- In the *Select Year* field, select the year of interest and click on the *Search* button.

Key for Landfill Gas Recovery Facilities Data Table

Column Heading	Description
Landfill	Permit number of the landfill from which the 9GR facility recovers gas
Gas Processed (ft ³)	Estimated standard cubic feet (ft ³) of gas processed at the facility
Gas Distributed Off-site (ft ³)	Estimated standard cubic feet (ft ³) of gas distributed off-site from the facility
Power Generated and Sold (kWh)	Estimated kilowatt hours (kWh) of power generated and sold by the facility
Power Generated and Used On-Site (kWh)	Estimated kilowatt hours (kWh) of power generated and used on-site by the facility

¹⁴ www.tceq.texas.gov/goto/cr-searchid

Locations of Facilities Recovering Landfill Gas for Beneficial Use (2023)



List of Facilities Recovering Landfill Gas for Beneficial Use (2023)

COG	Permit or Registration	Site Name	County	Landfill	Gas Processed (ft ³)	Gas Distributed Off-site (ft ³)	Power Generated and Sold (kWh)	Power Generated and Used On-site (kWh)
4	48042	121 RDF Landfill Gas Treatment Facility	Collin	2294	2,997,053,416	1,635,312,669	0	0
4	48033	McCommas Bluff Landfill Gas Processing Facility	Dallas	62	4,690,930,000	2,071,926,000	0	0
4	48048	Waste Management Skyline Renewable Natural Gas Facility	Dallas and Ellis	42D	2,347,791,000	1,208,888,000	0	0
4	48049	Garland Renewable Natural Gas Processing Facility	Dallas	1895A	1,555,069,410	883,196,526	0	0
4	1025B	DFW Recycling and Disposal Landfill Gas to Energy Facility	Denton	1025B	272,012,000	0	8,196,524	0
4	48028	Camelot Landfill Gas to Energy Facility	Denton	1312B	0	0	23,777,991	624,625
4	48032	Turkey Creek Landfill Gas Treatment Facility	Johnson	1417C	1,208,060,741	640,919,557	0	0
4	48027	Westside Landfill Gas to Electric Facility	Tarrant	1019A	582,364,800	0	26,280,000	0
4	48044	City of Arlington Landfill Gas Processing Plant	Tarrant	358B	1,435,858,128	775,049,131	0	0
6	48041	Pinehill Landfill Gas Treatment Facility	Gregg	1327B	561,787,733	320,188,690	0	0
6	48026	Greenwood Farms Landfill Gas Treatment Facility	Smith	1972A	669,970,354	372,503,522	0	0
12	48019	Austin Community Landfill Power Station	Travis	249D	1,545,834,000	0	33,494,417	1,867,464
13	48051	Twin Oaks Renewable Natural Gas Facility	Grimes	2292	474,230,911	238,077,629	0	0

COG	Permit or Registration	Site Name	County	Landfill	Gas Processed (ft ³)	Gas Distributed Off-site (ft ³)	Power Generated and Sold (kWh)	Power Generated and Used On-site (kWh)
16	48040	Seabreeze Landfill Gas Treatment Facility	Brazoria	1539C	598,299,104	325,059,423	0	0
16	48034	Fort Bend Landfill Gas Treatment Facility	Fort Bend	2270	1,282,225,532	618,115,811	0	0
16	48043	Blue Ridge Landfill Gas Treatment Facility	Fort Bend	1505A	4,447,213,693	2,621,839,442	0	0
16	48045	Galveston Renewable Natural Gas Facility	Galveston	1149B	798,636,830	412,577,994	0	0
16	48047	Coastal Plains Renewable Energy Plant	Galveston	1721A	525,688,810	167,184,386	0	0
16	1777	McCarty Road Landfill Gas Recovery Facility	Harris	261B	1,514,674,136	854,629,000	0	0
16	48006	Humble Renewable Energy Plant	Harris	1307D	3,082,346,975	6,804,950,954	0	0
16	48025	Ameresco McCarty Energy Landfill Gas Treatment Facility ¹⁵	Harris	261B	0	0	0	0
16	48046	Ameresco McCarty Road Renewable Natural Gas Facility	Harris	261B	647,847,649	647,847,649	0	0
16	48008	Security Landfill Gas to Energy Facility	Montgomery	1752B	0	0	12,151,152	12,151,200
17	48036	City of Victoria Landfill Gas Treatment Facility	Victoria	1522A	483,210,720	483,210,720	0	0
18	48015	Covel Gardens Landfill Gas Power Station	Bexar	2093B	812,089,421	0	27,874,285	2,071,462

¹⁵ Landfill gas from the McCarty Road Landfill is piped to and processed through equipment authorized under both Ameresco McCarty Energy Landfill Gas Treatment Facility (Registration No. 48025) and Ameresco McCarty Road Renewable Natural Gas Facility (Registration No. 48046). All facility landfill gas processed in 2023 is reported under Registration No. 48046.

COG	Permit or Registration	Site Name	County	Landfill	Gas Processed (ft ³)	Gas Distributed Off-site (ft ³)	Power Generated and Sold (kWh)	Power Generated and Used On-site (kWh)
18	48039	Nelson Gardens Landfill Gas to Energy Facility	Bexar	1237	21,926,800	0	7,327,005	107,895
18	48050	Tessman Road Landfill Gas Power Station	Bexar	1410C	2,504,900,000	840,900,000	0	0
18	48029	Mesquite Creek Landfill Gas to Energy Facility	Comal	66B	687,637,000	0	20,019,705	797,341
21	48038	Edinburg Landfill Gas Treatment Facility	Hidalgo	956C	1,258,280,579	726,781,859	0	0

Waste and Material Type Descriptions

Descriptions of Waste and Material Types

Waste or Material Type	Description
Brush	Cuttings or trimmings from trees, shrubs, or lawns, and similar materials.
CESQG	Conditionally exempt small-quantity generator—a person that generates no more than 220 pounds of hazardous waste in a calendar month.
Class 1 wastes	Any industrial solid waste or mixture of industrial solid wastes that because of its concentration, or physical or chemical characteristics is toxic, corrosive, flammable, a strong sensitizer or irritant, a generator of sudden pressure by decomposition, heat, or other means, or may pose a substantial present or potential danger to human health or the environment when improperly processed, stored, transported, or disposed of or otherwise managed, as further defined in 30 TAC Section 335.505 (relating to Class 1 Waste Determination).
Class 2 wastes	Any individual solid waste or combination of industrial solid waste that are not described as Hazardous, Class 1, or Class 3 as defined in 30 TAC Section 335.506 (relating to Class 2 Waste Determination).
Class 3 wastes	Inert and essentially insoluble industrial solid waste, usually including, but not limited to, materials such as rock, brick, glass, dirt, and certain plastics and rubber, etc., that are not readily decomposable, as further defined in 30 TAC Section 335.507 (relating to Class 3 Waste Determination).
Commercial solid waste	All types of solid waste generated by stores, offices, restaurants, warehouses, and other nonmanufacturing activities, excluding residential and industrial wastes.
Construction or demolition waste	Waste resulting from construction or demolition projects; includes all materials that are directly or indirectly the by-products of construction work or that result from demolition of buildings and other structures, including, but not limited to, paper, cartons, gypsum board, wood, excelsior, rubber, and plastics.
Covered television equipment	A direct view or projection television with a viewable screen of nine inches or larger whose display technology is based on cathode ray tube, plasma, liquid crystal, digital light processing, liquid crystal on silicon, crystal reflective technology, light-emitting diode, or similar technology. This definition also covers a display that is peripheral to a computer that contains a television tuner. This program applies to television equipment that is purchased primarily for personal or home-business use.
Grease trap waste	Material collected in and from a grease interceptor in the sanitary sewer service line of a commercial, institutional, or industrial food service or processing establishment, including the solids resulting from dewatering processes.
Grit trap waste	Grit trap waste includes waste from interceptors placed in the drains prior to entering the sewer system at maintenance and repair shops, automobile service stations, car washes, laundries, and other similar establishments.
Litter	Rubbish and putrescible waste.

Waste or Material Type	Description
Medical waste	Treated and untreated special waste from health care-related facilities that is comprised of animal waste, bulk blood, bulk human blood, bulk human body fluids, microbiological waste, pathological waste, and sharps as those terms are defined in 25 TAC Section 1.132 (relating to Definitions) from the sources specified in 25 TAC Section 1.134 (relating to Application), as well as regulated medical waste as defined in 49 Code of Federal Regulations Subsection 173.134(a)(5), except that the term does not include medical waste produced on a farm or ranch as defined in 34 TAC Subsection 3.296(f) (relating to Agriculture, Animal Life, Feed, Seed, Plants, and Fertilizer), nor does the term include artificial, nonhuman materials removed from a patient and requested by the patient, including, but not limited to, orthopedic devices and breast implants. Health care-related facilities do not include: (A) single or multi-family dwelling; and (B) hotels, motels, or other establishments that provide lodging and related services for the public.
Monofill	A landfill that is granted a permit by rule, for a period of up to five years, to a county or municipality with a population of 12,000 people or less, to dispose of demolition waste from properties with nuisance or abandoned buildings.
Municipal solid waste	Solid waste, resulting from or incidental to municipal, community, commercial, institutional, and recreational activities, including garbage, rubbish, ashes, street cleanings, dead animals, abandoned automobiles, and all other solid waste other than industrial solid waste.
NHIW	Nonhazardous Industrial Waste. Includes Class 1, Class 2, and Class 3 wastes.
Non-RACM	Nonregulated asbestos-containing material as defined in 40 Code of Federal Regulations Part 61. This is asbestos material in a form such that potential health risks resulting from exposure to it are minimal.
Paper	A material made from plant fibers (such as but not limited to wood pulp, rice hulls, and kenaf). The sludge byproduct resulting from the production of paper may be approved as a feedstock pursuant to 30 TAC Subsection 332.33(b) (relating to Required Forms, Applications, Reports, and Request to Use the Sludge Byproduct of Paper Production).
Putrescible waste	Organic wastes, such as garbage, wastewater treatment plant sludge, and grease trap waste, that are capable of being decomposed by microorganisms with sufficient rapidity as to cause odors or gases or are capable of providing food for or attracting birds, animals, and disease vectors.
RACM	Regulated asbestos-containing material as defined in 40 Code of Federal Regulations Part 61, as amended, includes: friable asbestos material, Category I nonfriable asbestos-containing materials (ACM) that has become friable; Category I nonfriable ACM that will be or has been subjected to sanding, grinding, cutting, or abrading; or Category II nonfriable ACM that has a high probability of becoming or has become crumbled, pulverized, or reduced to powder by the forces expected to act on the material during demolition or renovation operations.
Residential waste (Household waste)	Any solid waste (including garbage, trash, and sanitary waste in septic tanks) derived from households (including single and multiple houses, hotels and motels, bunkhouses, ranger stations, crew quarters, campgrounds, picnic grounds, and day-use recreation areas); does not include brush.
Regulated Hazardous Waste	A solid waste that is a hazardous waste as defined in 40 Code of Federal Regulations (CFR) Section 261.3 and that is not excluded from regulation as a hazardous waste under 40 CFR Subsection 261.4(b), or that was not generated by a conditionally exempt small-quantity generator.

Waste or Material Type	Description
Septage	The liquid and solid material pumped from a septic tank, cesspool, or similar sewage treatment system.
Sludge	Any solid, semi-solid, or liquid waste generated from a municipal, commercial, or industrial wastewater treatment plant, water-supply treatment plant, or air pollution control facility, exclusive of the treated effluent from a wastewater treatment plant.
Tires (Scrap)	Any tire that can no longer be used for its original intended purpose. Only split, quartered, or shredded tires may be disposed of in a landfill.
Television recycler	A person who separates collected television equipment and refurbishes that equipment for reuse or processes equipment to be returned to use in the form of raw materials or products. The term does not include an entity that solely collects or sorts television equipment prior to shipment for recycling.
Used oil	Any oil that has been refined from crude oil, has been used, and, as a result of such use, is contaminated by physical or chemical impurities.
White goods	Discarded large household appliances such as refrigerators, stoves, washing machines, or dishwashers.
Yard trimmings	Leaves, grass clippings, yard and garden debris, and brush, including clean woody vegetative material not greater than six inches in diameter that results from landscaping maintenance and land-clearing operations. The term does not include stumps, roots, or shrubs with intact root balls.

Reporting Period and Requirements, and Data Sources

Reports from MSW facilities are based on a fiscal year, which runs from Sept. 1 through Aug. 31. Unless otherwise indicated, all references to 2023 in this annual summary are related to fiscal year 2023 (Sept. 1, 2022, through Aug. 31, 2023).

In accordance with 30 TAC, Chapter 330 (Municipal Solid Waste), Subchapter P and 30 TAC, Chapter 326 (Medical Waste Management), Subchapter G, facility operators are required to submit an annual report to TCEQ covering the types and amounts of waste processed or disposed at an authorized MSW facility.

The data in this summary are from annual reports submitted by owners or operators of 201 active landfills and 220 active processing facilities. Reported data were reviewed, and discrepancies were reconciled with facility representatives, quarterly report data, and agency records.

Facility reports included:

- operational information (e.g., which counties and states the facility serves),
- facility activities (e.g., types and amounts of waste accepted for disposal or processing), and
- facility characteristics (e.g., landfill elevations, permitted acreage, other TCEQ authorizations within a facility's boundary).

Population data were obtained from the U.S. Census Bureau's [Annual Estimates of the Resident Population for Counties: April 1, 2020 to July 1, 2023](#)¹⁶.

¹⁶ www.census.gov/data/tables/time-series/demo/popest/2020s-counties-total.html