

# Municipal Solid Waste in Texas: A Year in Review

2022 Data Summary and Analysis



# **Municipal Solid Waste in Texas: A Year in Review**

2022 Data Summary and Analysis

Prepared by  
Waste Permits Division

AS-187/23

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## 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's Central Registry website. Instructions for searching landfill data in Central Registry are presented in the *Facility Data for MSW Landfills* section.

### Overview of Fiscal Year 2022 Data

In fiscal year 2022 (Sept. 1, 2021 through Aug. 31, 2022), there were 200 active MSW landfills with a total of 39,731,580 tons of waste disposed. The estimated statewide remaining landfill disposal capacity was about 51 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 Council of Governments (COG) region (ATCOG 5) had the highest amount of reserve capacity at 178 years and the Capital Area COG region (CAPCOG 12) had the lowest amount at 21 years.

MSW processing facilities managed 8.7 million tons of waste and compost facilities processed 916,027 tons of organic material in 2022. Waste-to-energy facilities generated and sold 220 million kilowatt hours (kWh) of power.

In 2022, over 1.76 million tons of materials were reported as diverted from MSW facilities for recycling or reuse. Transfer stations diverted the most recyclable materials.



There were **200 active** MSW landfills with a



total of **39,731,580 tons** of waste disposed.

## Key Data About Texas Municipal Solid Waste Facilities in 2022

### *Landfills*

Landfill Information	Total
Type I	99
Type IAE	22
Type IV	23
Type IVAE	18
Type IAE & IVAE	27
Monofill	11
Total Tons of Waste Disposed	39,731,580
Statewide Remaining Landfill Capacity (Years)	51

### *Processors*

Processor Information	Total
Autoclave (5AC)	10
Liquid waste processor (5GG)	29
Medical waste processor (5MW)	9
Medical waste transfer station (5MWTS)	10
Liquid waste transfer station (5TL)	3
Transfer station (5TS)	105
Waste incinerator (5WI)	3
Compost (5RC)	22
Total Tons of Waste Processed (Tons)	9,635,629

### *Landfill Gas (LFG) Recovery for Beneficial Use*

LFG Information	Total
Landfill gas recovery (9GR)	29
Gas Processed (ft <sup>3</sup> )	37,394,016,537
Gas Distributed Off-site (ft <sup>3</sup> )	15,366,248,230
Power Generated and Sold (kWh)	220,064,774
Power Generated and Used On-site (kWh)	11,002,619



# 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 2022, 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***

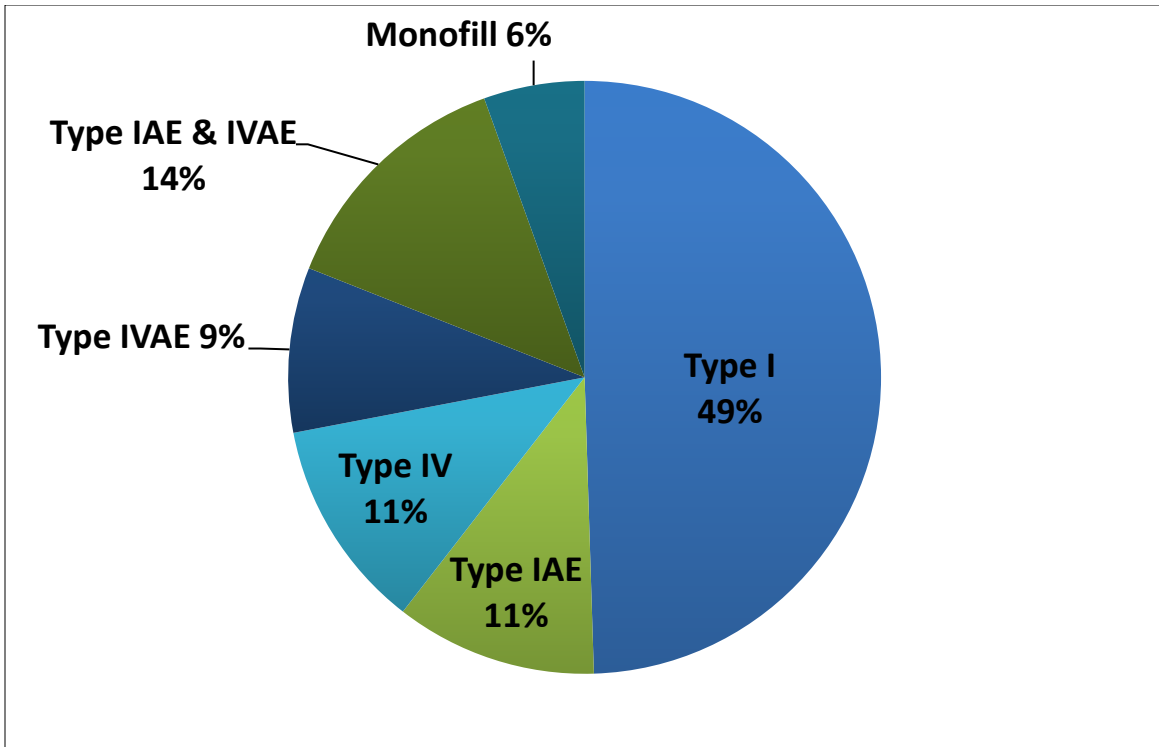
A Type IV landfill only accepts brush, construction or demolition waste, and other similar nonhousehold or nonputrescible waste (i.e., organic waste that decomposes without causing odors or attracting pests). In 2022, there were 23 Type IV landfills, accounting for 11% of all active landfills, 10% of 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 2022, there were 67 AE landfills, accounting for approximately 34% of all active landfills, 1% of the total waste disposed, and 1% 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 2022, there were 11 monofills, accounting for 6% of all active landfills.



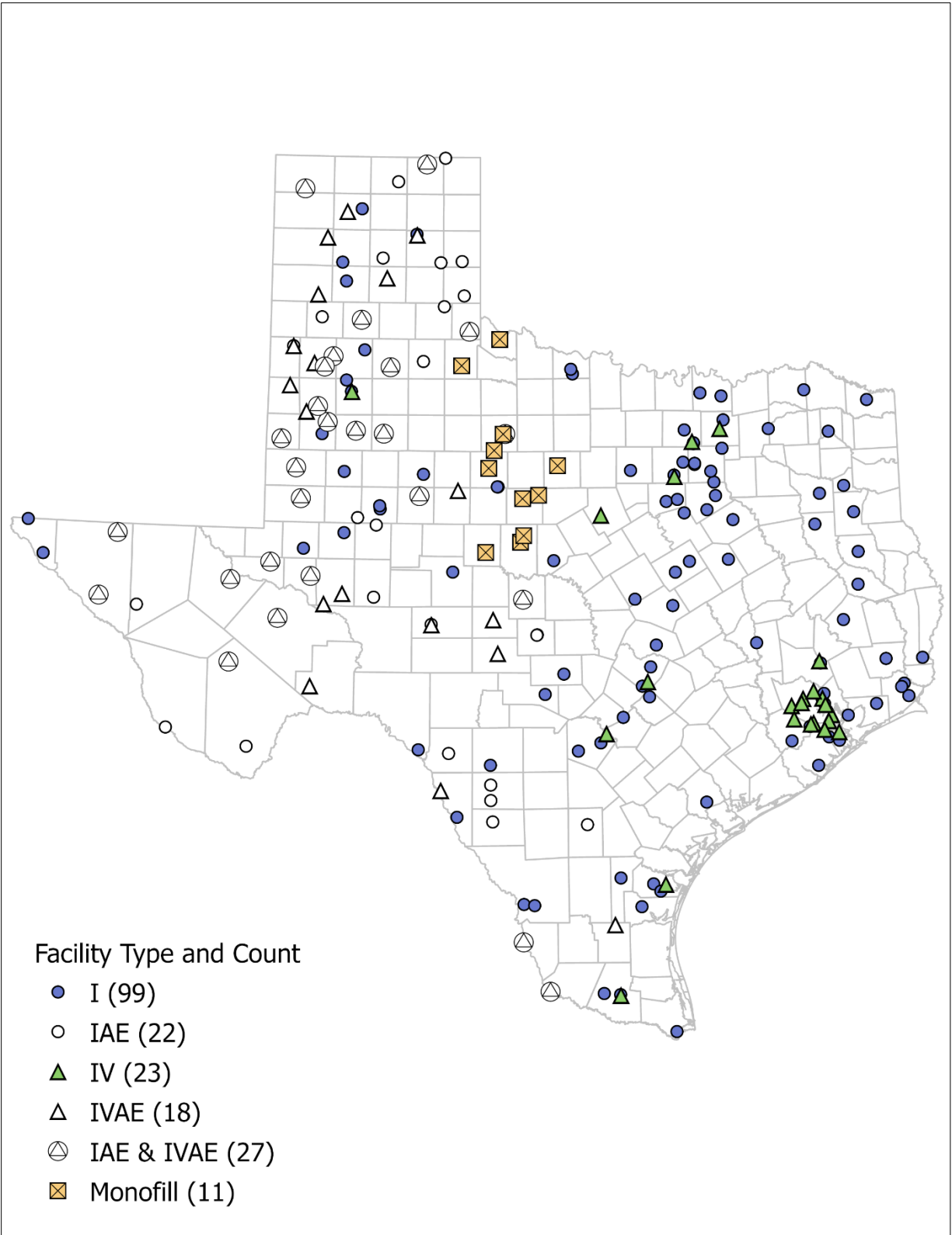
**Figure 1. Landfills by Facility Type (2022)**

## Landfills Reporting

There were 200 permitted MSW landfills actively accepting and managing waste (Figure 2) in 2022. All active facilities submitted reports.

Facility data for the 2022 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/central-registry)<sup>1</sup>. Instructions for searching landfill data in Central Registry are presented in the *Facility Data for MSW Landfills* section.

<sup>1</sup> [www.tceq.texas.gov/goto/cr-searchid](https://www.tceq.texas.gov/goto/cr-searchid)



**Figure 2. Active Texas MSW Landfills (2022)**

## Processing Facilities

This section provides a summary of MSW processing facility types and activities in 2022. 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 2022, there was about a 5% decrease in medical waste processed compared to 2021.

In 2022, Type V facilities processed about 8.7 million tons of waste, representing about a 0.81% increase from the amount processed in 2021.

### ***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 2022, estimated totals for Type IX facilities recovering landfill gas for beneficial use were:

- 37.4 billion cubic feet of gas processed;
- 15.4 billion cubic feet of gas distributed off-site;
- 220 million kilowatt hours of power generated and sold; and
- 11 million kilowatt hours of power generated and used on-site.



**52.8 billion cubic feet**  
of gas processed



**231 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 the TCEQ. Composting operations at MSW landfills may be authorized under the landfill permit.

Annual reports are required for registered and permitted composting operations. In 2022, there were 916,027 tons of organic material composted as reported by seven permitted MSW landfills and 22 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 2022, MSW records indicated that there were 220 active permitted, or registered MSW processing facilities: 169 Type V, 22 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 2022.

**Table 1. Active MSW Processing Facilities (2022)**

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	10
Liquid waste transfer station (5TL)	0	3
Transfer station (5TS)	38	67
Waste incinerator (5WI)	2	1
Compost (5RC)	8	14
Landfill gas recovery (9GR)	2	27
<b>Total</b>	<b>75</b>	<b>145</b>

Facility data for the permitted or registered Type V processing facilities and composting facilities that were active in 2022 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 2022 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](#)<sup>2</sup>. 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 79% of the MSW landfills (excluding monofills) and 61% 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 2022. 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 the 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**

<b>Unit of Measure</b>	<b>Landfills</b>	<b>Processors for Disposal</b> (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

<sup>2</sup> [www.tceq.texas.gov/goto/cr-searchid](http://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 2022, the average statewide tipping fees charged by MSW landfills were:

- \$41.88 per ton, with 143 facilities reporting;
- \$15.29 per compacted cubic yard, with 23 facilities reporting; and
- \$14.43 per uncompacted cubic yard, with 57 facilities reporting.

In 2022, the average statewide tipping fees charged by MSW processing facilities were:

- \$55.59 per ton, with 70 facilities reporting;
- \$25.85 per compacted cubic yard, with 16 facilities reporting;
- \$22.75 per uncompacted cubic yard, with 40 facilities reporting;
- \$0.17 per gallon, with 33 facilities reporting; and
- \$0.86 per pound, with 20 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 2022, of the 200 active landfills, 65% (130) were publicly owned. These facilities accepted about 34% of the total waste disposed and accounted for 45% of the statewide total remaining capacity. Approximately 49% of the publicly owned landfills were arid-exempt facilities with limited waste acceptance rates.

#### ***Processing Facilities***

In 2022, 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, two were 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 2022, municipal waste accounted for approximately 63% of the 39.73 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 2022 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.

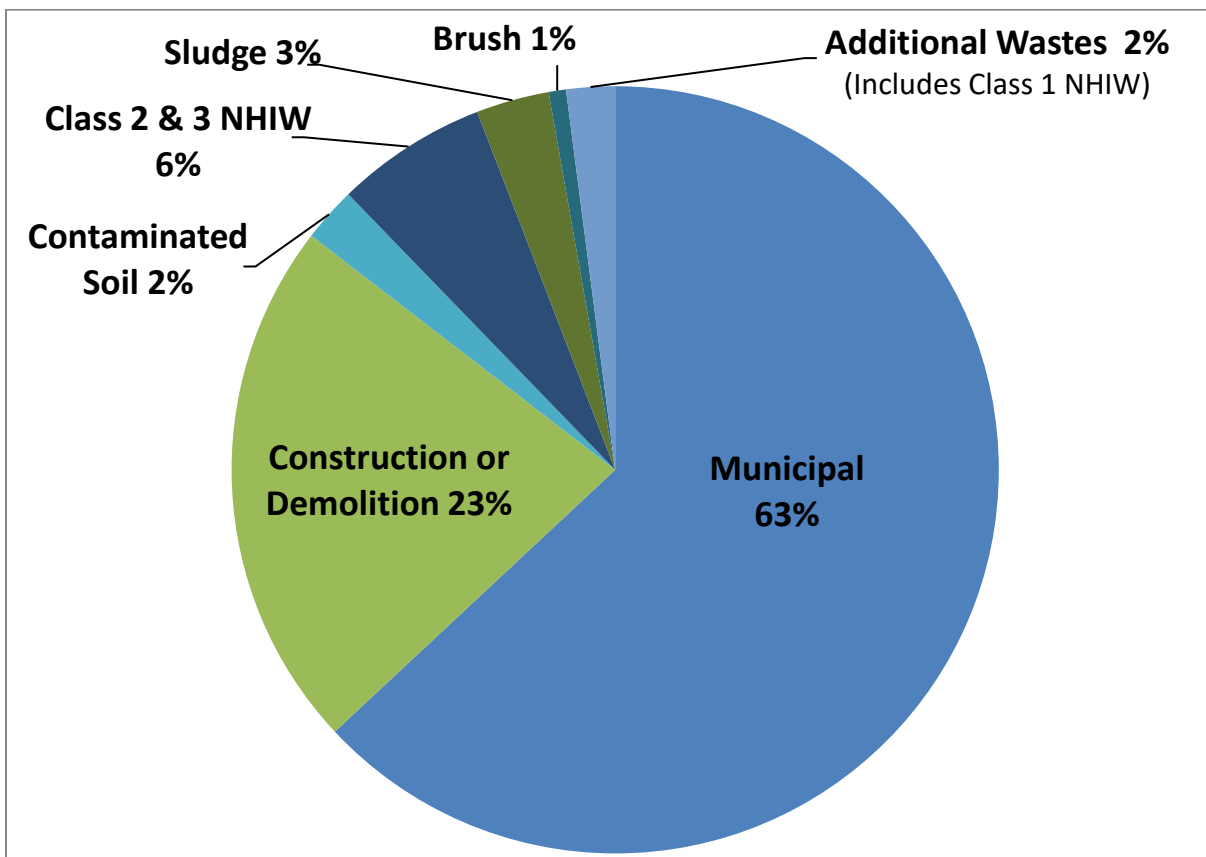


Figure 3. Types and Amounts of Waste Disposed in MSW Landfills (2022)

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 2022 are listed in Table 3.

**Table 3. MSW Landfills Accepting Class 1 Waste (2022)**

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
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 2022, 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 3,999 tons. Nine landfills accepted waste imported from Arkansas, Kansas, Louisiana, New Mexico, or Oklahoma representing a total of 241,473 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 (2022)**

<b>Waste Type</b>	<b>Number of Landfills Accepting Waste Type</b>	<b>Tons Disposed</b>	<b>Percent of Total Tons Disposed</b>
Municipal	145	25,047,895	63.04
Brush	47	290,003	0.73
Construction or Demolition	159	8,901,591	22.40
Litter	9	10,996	0.03
Class 1 Nonhazardous Industrial Waste (NHIW)	19	372,944	0.94
Classes 2 and 3 NHIW	63	2,537,635	6.39
Incinerator Ash	7	8,965	0.02
Treated Medical Waste	13	41,539	0.10
Municipal Hazardous Waste from Conditionally Exempt Small Quantity Generators (Municipal CESQG)	0	0	0.00
Regulated Asbestos-Containing Material (RACM)	28	54,580	0.14
Non-RACM	40	36,301	0.09
Dead Animals or Slaughterhouse Waste	72	28,422	0.07
Sludge	85	1,223,193	3.08
Grease Trap Waste	13	4,969	0.01
Grit Trap Waste	22	14,243	0.04
Septage	5	17,255	0.04
Contaminated Soil	44	916,832	2.31
Tires <sup>3</sup>	26	41,929	0.11
Pesticides	0	0	0.00
Used Oil Filters	1	1,096	0.00
Other	34	181,192	0.46
<b>Total</b>	<b>Not Applicable</b>	<b>39,731,580</b>	<b>100</b>

<sup>3</sup> 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 2022 was 7.25 pounds per person per day. This rate is based on the total amount of waste disposed (39.73 million tons) and the state’s 2022 population estimate of 30,029,572 people. The 2022 rate was greater than the 2021 rate of 7.09 pounds, representing a 2.26% per capita disposal rate increase for 2022. During this period, the state’s population increased 1.70%.

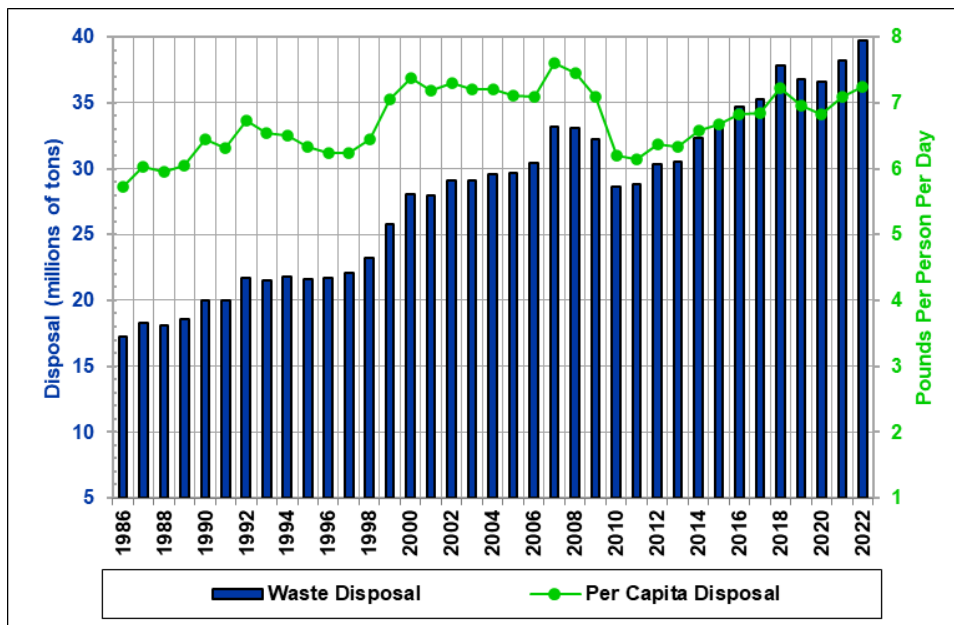


The per capita disposal rate for 2022 was **7.25 pounds** per person per day.

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 2022, the total disposal rate would have been less, at approximately 4.87 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 1986 and 2022. 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**

## Landfill Capacity

The total remaining MSW landfill capacity in the state at the end of 2022 was approximately 2.01 billion tons or about 2.99 billion cubic yards.

The analyses in this summary assume that the 2022 disposal rate of 39.73 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 2022 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 (2022)**

Landfill Type	Number of Landfills	Amount Disposed in Tons	Remaining Capacity in Tons	Reserve Capacity in Years
I	99	35,225,139	1,872,432,339	53
IV	23	4,179,578	113,876,194	27
IAE	22	74,314	5,616,254	76
IVAE	18	26,133	3,398,151	130
IAE and IVAE	27	222,983	17,258,190	77
Monofill	11	3,433	230,118	N/A
<b>Totals</b>	<b>200</b>	<b>39,731,580</b>	<b>2,012,811,246</b>	<b>51</b>

## Growth and Attrition

According to submitted data, statewide net remaining capacity in tons decreased by approximately 9.7 million tons or about 0.5% from the 2021 capacity. Statewide remaining capacity in cubic yards decreased by approximately 41.8 million cubic yards or approximately 1% from the 2021 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 5 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.

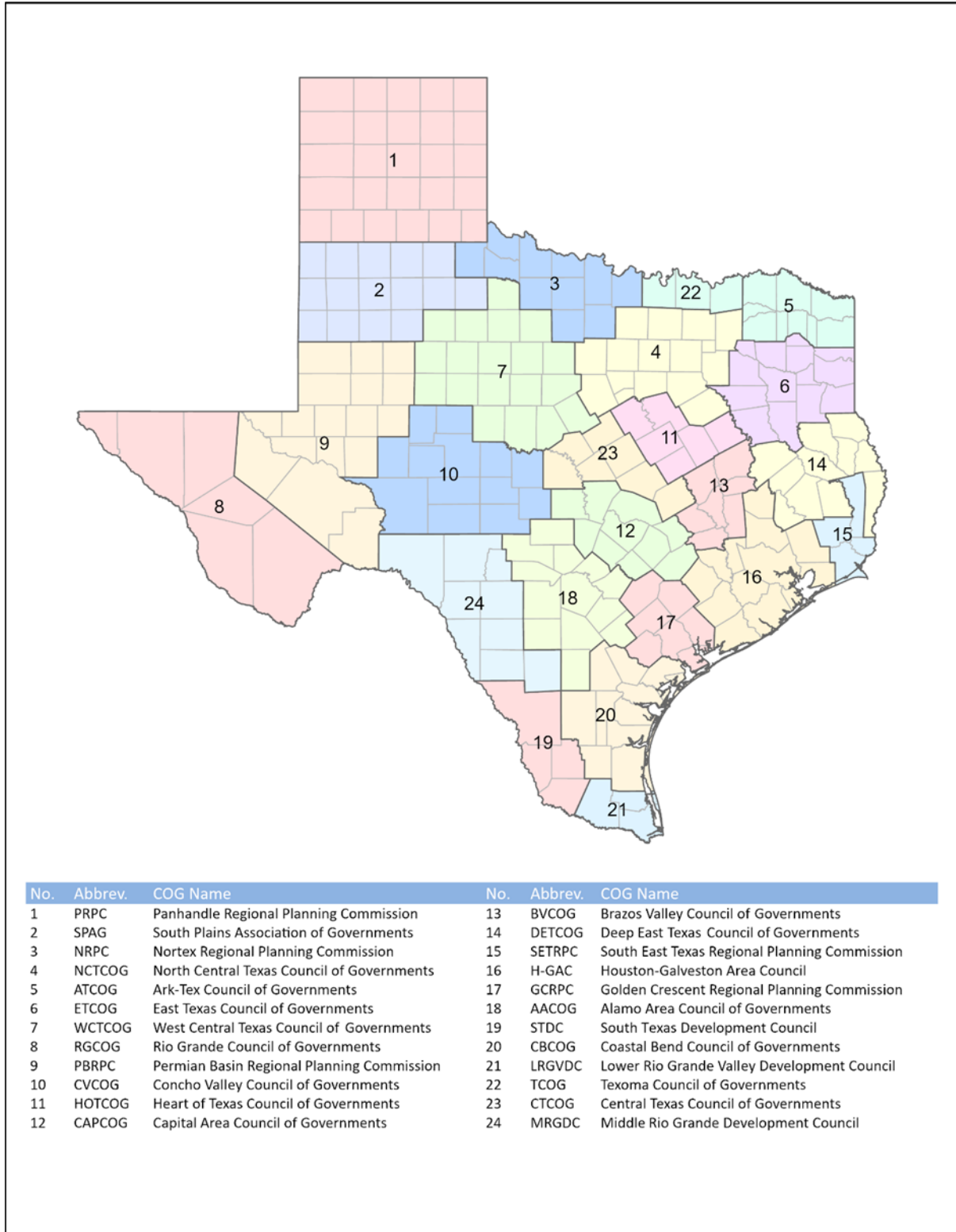


Although remaining capacity was not evenly distributed, each area of the state had an adequate reserve of MSW landfill capacity in 2022, as presented in Table 6. The Ark-Tex COG region (ATCOG 5) had the highest amount of reserve capacity at 178 years and the Capital Area COG region (CAPCOG 12) had the lowest amount at 21 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](#) website.<sup>4</sup>

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<sup>4</sup> [www.tceq.texas.gov/permitting/waste\\_permits/waste\\_planning/wp\\_grants.html](http://www.tceq.texas.gov/permitting/waste_permits/waste_planning/wp_grants.html)



**Figure 5. Texas Councils of Governments**

**Table 6. Disposal and Capacity Data for Texas COG Regions (2022)**

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	21	10.50	672,782	1.69	434,216	47,451,522	2.36	71
2 SPAG	19	9.50	599,970	1.51	436,806	80,814,161	4.01	135
3 NRPC	4	2.00	380,295	0.96	219,083	48,836,464	2.43	128
4 NCTCOG	22	11.00	11,107,999	27.96	8,147,585	398,879,341	19.82	36
5 ATCOG	3	1.50	488,791	1.23	279,719	86,899,086	4.32	178
6 ETCOG	4	2.00	815,802	2.05	894,853	96,766,439	4.81	119
7 WCTCOG	16	8.00	533,315	1.34	335,660	73,386,309	3.65	138
8 RGCOG	8	4.00	538,547	1.36	891,535	53,599,050	2.66	100
9 PBRPC	16	8.00	820,785	2.07	480,503	41,306,986	2.05	50
10 CVCOG	9	4.50	215,810	0.54	158,033	4,800,908	0.24	22
11 HOTCOG	4	2.00	912,356	2.30	382,114	38,543,352	1.91	42
12 CAPCOG	5	2.50	3,214,869	8.09	2,551,442	66,349,520	3.30	21
13 BVCOG	1	0.50	491,072	1.24	374,607	21,678,664	1.08	44
14 DETCOG	4	2.00	804,580	2.03	343,507	38,341,038	1.90	48
15 SETRPC	4	2.00	759,078	1.91	426,059	29,072,787	1.44	38
16 HGAC	25	12.50	9,852,654	24.80	7,517,691	320,583,727	15.93	33
17 GCRPC	1	0.50	132,685	0.33	193,237	3,566,617	0.18	27
18 AACOG	8	4.00	3,555,635	8.95	2,769,787	181,706,449	9.03	51
19 STDC	4	2.00	415,171	1.04	352,120	52,206,876	2.59	126
20 CBCOG	6	3.00	826,464	2.08	581,366	115,385,402	5.73	140
21 LRGVDC	4	2.00	1,431,741	3.60	1,333,718	157,446,444	7.82	110
22 TCOG	2	1.00	375,950	0.95	223,306	14,030,765	0.70	37
23 CTCOG	2	1.00	635,700	1.60	540,478	31,827,597	1.58	50
24 MRGDC	8	4.00	149,529	0.38	162,147	9,331,742	0.46	62
<b>Totals</b>	<b>200</b>	<b>100</b>	<b>39,731,580</b>	<b>100</b>	<b>30,029,572</b>	<b>2,012,811,246</b>	<b>100</b>	<b>51</b>

**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

<b>Year</b>	<b>Waste Disposal in Tons</b>	<b>State Population</b>	<b>Per Capita Disposal Rate in Pounds per Person per Day</b>	<b>Number of Active Landfills</b>	<b>Remaining Capacity in Cubic Yards</b>	<b>Remaining Capacity in Tons</b>	<b>Reserve Capacity in Years</b>
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



# Trends

## Active Landfills

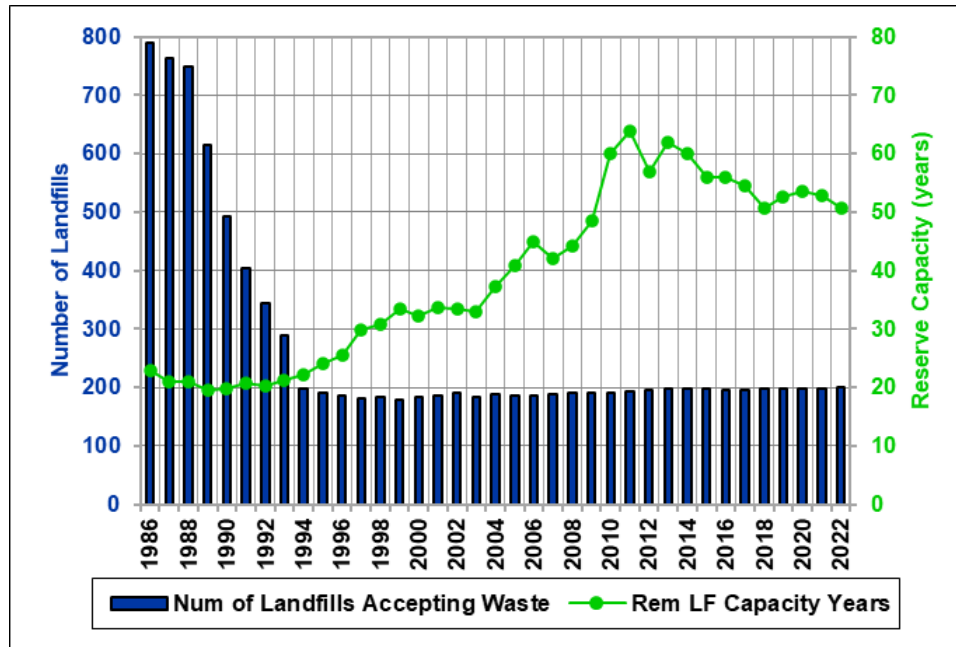
In 1986, there were 790 authorized MSW landfills in Texas accepting waste; by 1994, there were only 199 (Table 7 and Figure 6). The federal Resource Conservation and Recovery Act (RCRA) Subtitle D standards established in October 1991 required MSW landfills to upgrade designs, operating practices, and 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 2022, there were 200 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 11 in 2022.

## 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 6). 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, with the 2022 reserve capacity for disposal at approximately 51 years.

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 2022 the calculated average compaction rate was 1,090 pounds per cubic yard.



**Figure 6. 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 2022, the statewide average landfill size was 272 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 2022 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 (2022, 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
<b>Totals</b>	<b>189</b>	<b>100</b>



## Counties Served

Table 9 summarizes how many counties that landfills served; approximately two-thirds of the landfills served more than one county in 2022. 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 (2022)**

Number of Landfills	Number of Counties Served
76	1
53	2-5
45	6-10
12	11-15
8	16-20
6	>20

**Table 10. Number of Active MSW Landfills by County (2022)**

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

\* County with monofill(s).

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County	COG	Number of Active Landfills	County	COG	Number of Active Landfills	County	COG	Number of Active Landfills	County	COG	Number of Active Landfills
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* (increase)
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* (increase)	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
Lavaca	17	0	Motley	2	1	San Augustine	14	0	Val Verde	24	1
Lee	12	0	Nacogdoches	14	1	San Jacinto	14	0	Van Zandt	6	0
Leon	13	0	Navarro	4	1	San Patricio	20	0	Victoria	17	1
Liberty	16	0	Newton	14	1	San Saba	23	0	Walker	16	0

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

# 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](#)<sup>5</sup> 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](#).

The 86<sup>th</sup> Texas Legislature directed the 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](#)<sup>6</sup> 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 2022, seven facilities were active, receiving approximately 17.9 million pounds and recycling 17.5 million pounds. One facility in 2022 also disposed of 7,574 pounds of material.



In 2022, seven facilities were active and recycled **17.5 million pounds** of TV equipment.

<sup>5</sup> [www.tceq.texas.gov/p2/recycle/recycling.html](http://www.tceq.texas.gov/p2/recycle/recycling.html)

<sup>6</sup> [www.TXrecyclingstudy.org](http://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 2022, approximately 54.1 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 2022 annual report summary, can be found on the TCEQ [Annual Reporting for Used or Scrap Tire Transporters, Storage Sites, and Facilities](#)<sup>7</sup> 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 2022, over 1.76 million tons of materials were reported as diverted from MSW facilities for recycling or reuse, representing about a 5.77% decrease from the diverted amount in 2021. There were 102 landfills that together diverted 962,858 tons and 79 processing facilities that diverted 800,357 tons of material from being disposed in 2022. 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 2022 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.

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<sup>7</sup> [www.tceq.texas.gov/permitting/waste\\_permits/tires/tires-reporting](https://www.tceq.texas.gov/permitting/waste_permits/tires/tires-reporting)

**Table 11. Types and Amounts of Diverted Materials (2022)**

Material Type	Tons Diverted	Percent of Total Tons Diverted
Yard Trimmings or Brush	556,854	31.58
Metal	52,622	2.98
Glass	50,667	2.87
Plastics	30,270	1.72
Paper or Cardboard	243,001	13.78
Construction or Demolition Material	491,976	27.90
Electronic Equipment	246	0.01
White Goods	2,191	0.12
Tires	19,502	1.11
Automotive	18	<0.01
Shingles	214	0.01
Used Oil	625	0.04
Unclassified Materials	315,030	17.87
<b>Total</b>	<b>1,763,214</b>	<b>100</b>



In 2022, **over 1.76 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 2022. 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](#)<sup>8</sup>:

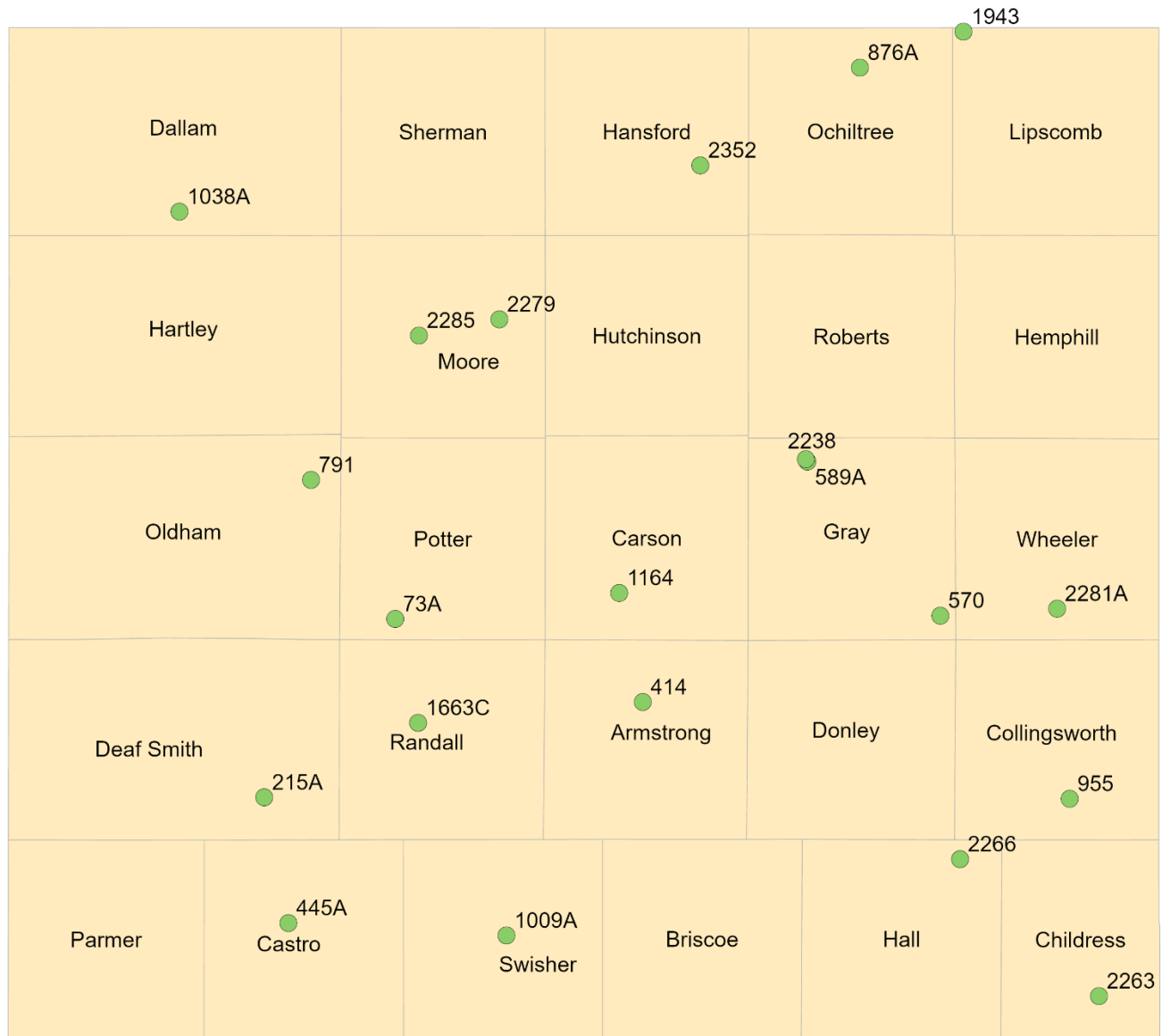
- On the *Central Registry Query—Additional ID Search* page, enter an MSW permit number, including any amendment letter (e.g., 1312B) in the Program ID field, and click the Search button.
- On the *Regulated Entity Information* results page, scroll down to the table of *Permits, Registrations, or Other Authorizations* and select the active “Municipal Solid Waste Disposal” ID Number in the table.
- 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 standard landfill; “4” for C&D landfill), except for Monofills. Landfills that are arid-exempt include a number followed by the abbreviation “AE.”
2022 Tons	Total tons disposed in a landfill in 2022
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.

<sup>8</sup> [www.tceq.texas.gov/goto/cr-searchid](http://www.tceq.texas.gov/goto/cr-searchid)

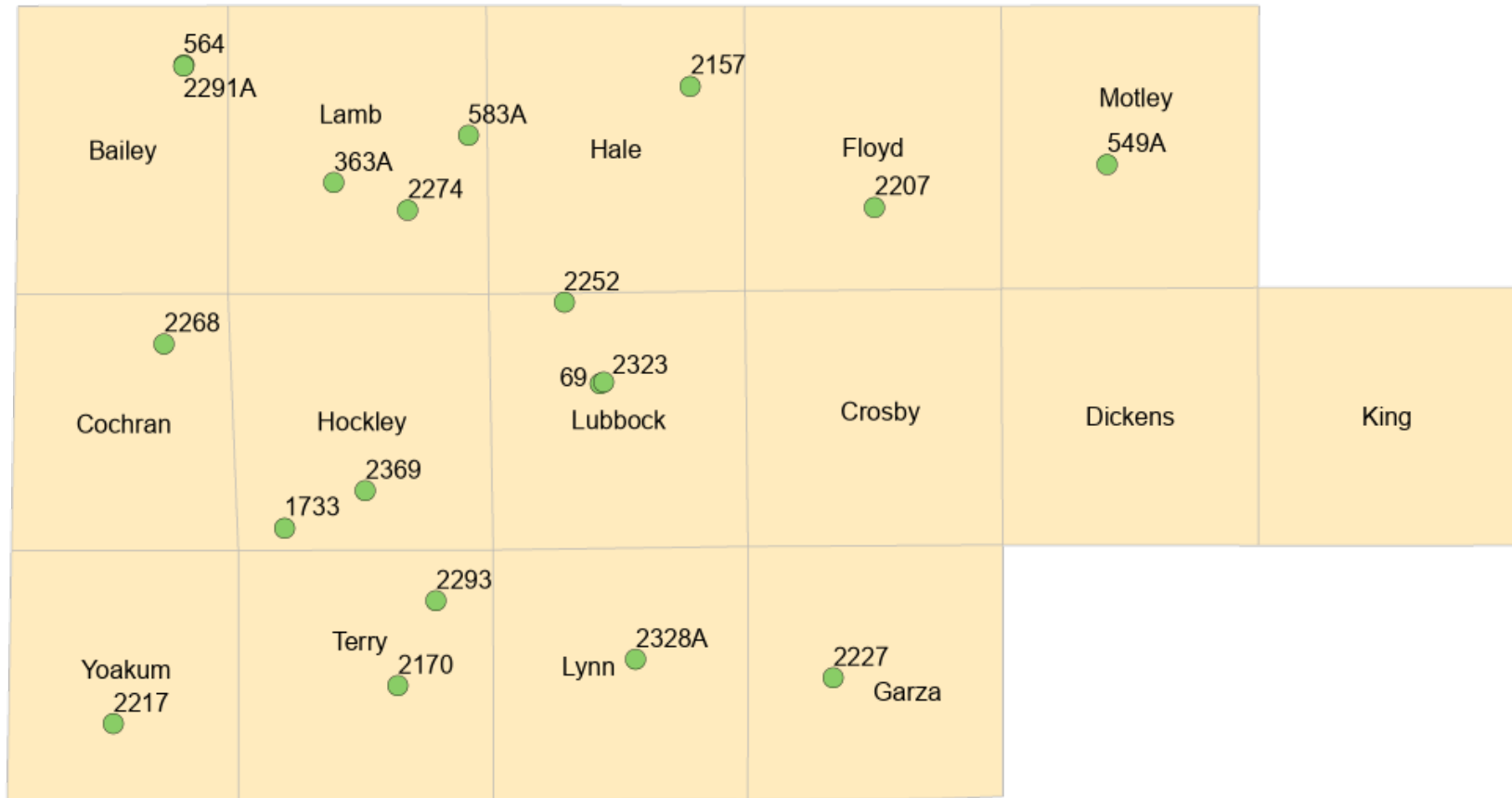
**COG 1: Panhandle Regional Planning Commission—Landfill Locations**



**COG 1: Panhandle Regional Planning Commission—List of Landfills**

COG	Permit	Site Name	County	Type	2022 Tons	Rem Yds	Rate	Rem Tons	Rem Yrs
1	414	Claude Armstrong County Landfill	Armstrong	4AE	2,148	163,277	500	40,819	18
1	1164	City of Panhandle Landfill	Carson	1AE	2,261	385,615	220	42,418	18
1	445A	City of Dimmitt Landfill	Castro	1AE	4,481	1,073,796	750	402,674	90
1	2263	City of Childress Landfill	Childress	1AE&4AE	6,995	2,268,014	800	907,206	114
1	955	City of Wellington Landfill	Collingsworth	1AE	4,414	416,967	800	166,787	37
1	1038A	City of Dalhart Landfill	Dallam	1AE&4AE	10,179	1,028,151	785	403,549	39
1	215A	City of Hereford Landfill	Deaf Smith	4AE	3,887	224,829	850	95,552	20
1	570	City of McLean Landfill	Gray	1AE	870	530,926	800	212,370	2.5
1	589A	City of Pampa Landfill	Gray	4AE	1,101	426,366	1,000	213,183	194
1	2238	City of Pampa Landfill	Gray	1	45,925	7,889,457	861	3,396,411	74
1	2266	City of Memphis Landfill	Hall	1AE	7,205	827,603	800	331,041	46
1	2352	City of Spearman Landfill	Hansford	1AE	2,238	463,594	1,000	231,797	44
1	1943	City of Booker Landfill	Lipscomb	1AE	1,761	405,082	850	172,160	47
1	2279	City of Dumas Landfill	Moore	1	15,203	7,986,639	1,200	4,791,983	108
1	2285	City of Dumas Landfill	Moore	4AE	4,265	178,412	800	71,365	3
1	876A	Perryton Landfill	Ochiltree	1AE&4AE	8,390	1,208,678	800	483,471	53
1	791	Cal Farleys Boys Ranch Landfill	Oldham	4AE	500	104,700	400	20,940	40
1	73A	City of Amarillo Landfill	Potter	1	258,736	60,835,353	1,140	34,676,151	134
1	1663C	Southwest Landfill TX	Randall	1	280,527	596,859	1,450	432,723	117
1	1009A	City of Tulia Landfill	Swisher	1AE&4AE	5,623	659,833	850	280,429	42
1	2281A	City of Shamrock Landfill	Wheeler	1AE	6,073	196,232	800	78,493	20

**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	2022 Tons	Rem Yds	Rate	Rem Tons	Rem Yrs
2	564	City of Muleshoe Landfill	Bailey	4AE	1,220	126,688	800	50,675	8
2	2291A	City of Muleshoe Landfill	Bailey	1AE&4AE	7,051	2,624,606	800	1,049,842	149
2	2268	Morton Landfill	Cochran	4AE	49	802,328	400	160,466	90
2	2207	City of Floydada Landfill	Floyd	1AE&4AE	5,444	737,507	830	306,065	50
2	2227	City of Post Landfill	Garza	1AE&4AE	5,044	27,398	800	10,959	2
2	2157	City of Plainview Landfill	Hale	1	36,237	9,511,273	842	4,004,246	110.5
2	1733	City of Sundown Landfill	Hockley	4AE	348	214,271	850	91,065	261
2	2369	City of Levelland Landfill	Hockley	1AE&4AE	11,819	4,607,044	953	2,195,256	185
2	363A	City of Amherst Landfill	Lamb	4AE	16	48,693	400	9,739	609
2	583A	City of Olton Landfill	Lamb	1AE&4AE	9,043	635,680	680	216,131	29
2	2274	Littlefield Municipal Landfill	Lamb	1AE&4AE	6,690	1,150,606	1,400	805,424	68
2	69	City of Lubbock Landfill	Lubbock	1	13,697	226,046	978	110,536	8
2	2252	City of Lubbock West Texas Regional Disposal Facility	Lubbock	1	317,709	102,718,264	1,312	67,383,181	212
2	2323	C & D Waste Landfill	Lubbock	4	139,313	2,518,135	1,000	1,259,068	10
2	2328A	City of Tahoka Landfill	Lynn	1AE&4AE	12,712	649,870	850	276,195	22
2	549A	City of Matador Landfill	Motley	1AE	2,869	438,812	800	175,525	67
2	2170	City of Brownfield Landfill	Terry	1	13,751	4,183,839	797	1,667,260	121
2	2293	City of Meadow Landfill	Terry	1AE&4AE	8,350	839,311	800	335,724	4
2	2217	Yoakum County Landfill	Yoakum	1AE&4AE	8,608	1,767,010	800	706,804	82

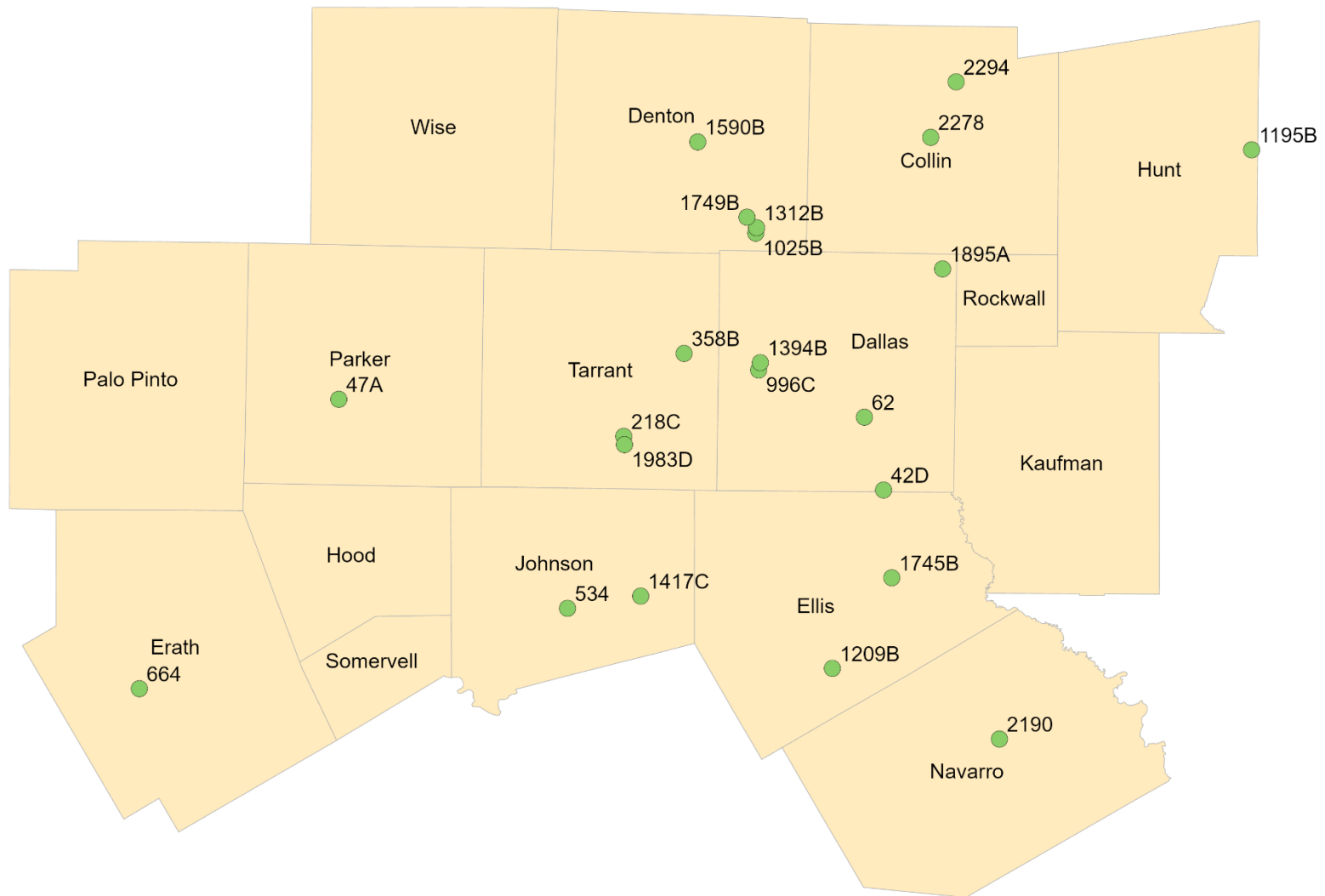
**COG 3: Nortex Regional Planning Commission—Landfill Locations**



**COG 3: Nortex Regional Planning Commission—List of Landfills**

COG	Permit	Site Name	County	Type	2022 Tons	Rem Yds	Rate	Rem Tons	Rem Yrs
3	9001B	City of Paducah Abandoned and Nuisance Building Disposal Facility	Cottle	MONOFILL	5	7,702	400	1,617	NA
3	9003A	City of Quanah Abandoned and Nuisance Building Disposal Facility	Hardeman	MONOFILL	40	1,523	400	320	NA
3	1428A	City of Wichita Falls Landfill	Wichita	1	181,457	68,382,060	899	30,737,736	201
3	1571A	Buffalo Creek Landfill	Wichita	1	198,793	26,889,734	1,346	18,096,791	98.5

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

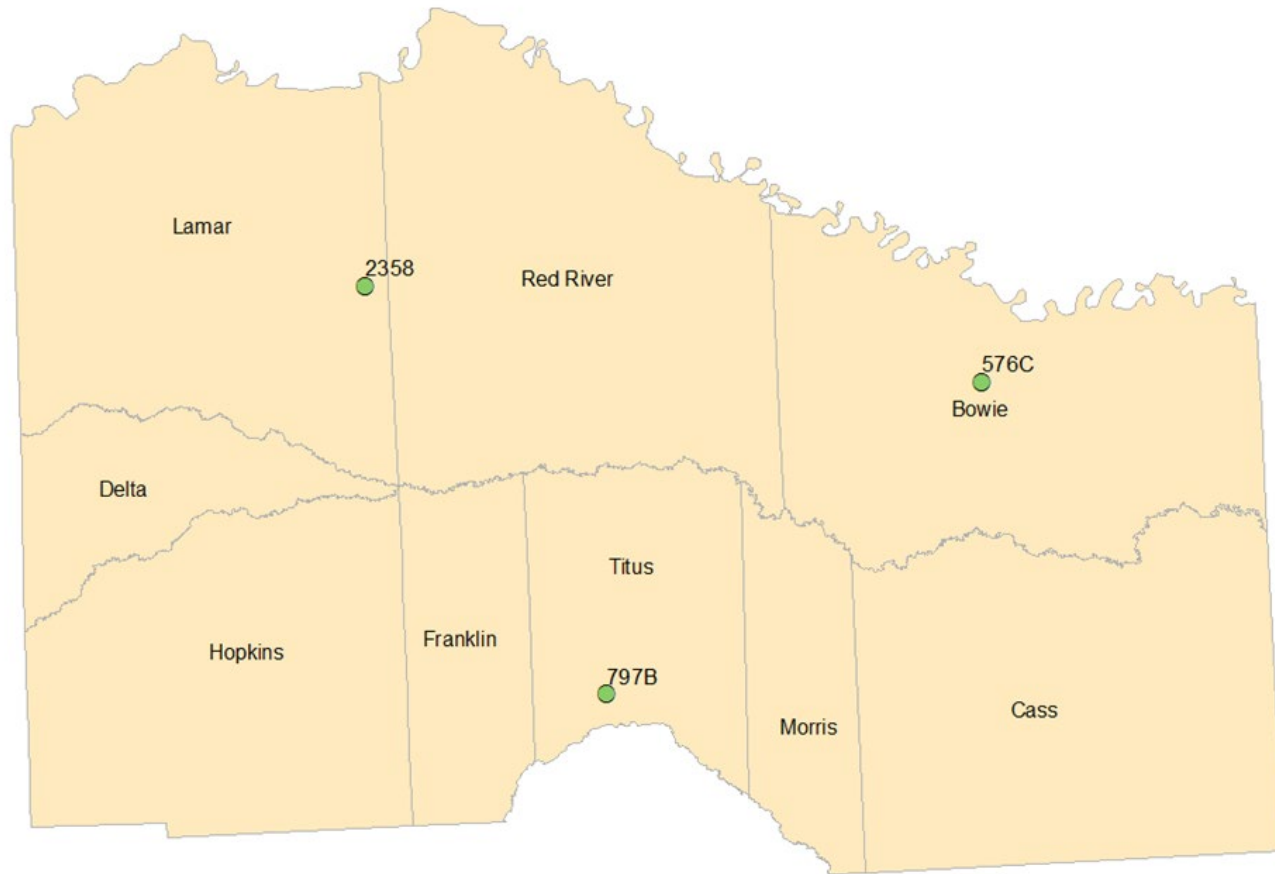




**COG 4: North Central Texas Council of Governments—List of Landfills**

COG	Permit	Site Name	County	Type	2022 Tons	Rem Yds	Rate	Rem Tons	Rem Yrs
4	2278	Osttend C and D Waste Landfill	Collin	4	299,099	10,550,537	922	4,863,798	16.5
4	2294	121 Regional Disposal Facility	Collin	1	1,004,312	110,322,695	1,636	90,243,965	90
4	42D	Waste Management Skyline Landfill	Dallas and Ellis	1	1,889,898	33,159,982	1,460	24,206,787	13
4	62	City of Dallas McCommas Bluff Landfill	Dallas	1	1,448,680	71,336,667	1,389	49,543,315	34
4	996C	City of Grand Prairie Landfill	Dallas	1	257,285	9,695,175	1,531	7,421,656	29.5
4	1394B	Hunter Ferrell Landfill	Dallas	1	185,999	11,128,380	967	5,380,572	29
4	1895A	Charles M Hinton Jr Regional Landfill	Dallas	1	635,243	25,101,719	1,583	19,868,011	31
4	1025B	DFW Recycling and Disposal Facility	Denton	1	388,412	1,177,547	1,620	953,813	1
4	1312B	Camelot Landfill	Denton	1	845,961	30,267,558	1,577	23,865,969	23
4	1590B	City of Denton Landfill	Denton	1	458,869	43,945,324	944	20,742,193	46.5
4	1749B	Lewisville Landfill	Denton	4	195,613	19,746,792	1,637	16,162,749	36
4	1209B	CSC Disposal and Landfill	Ellis	1	16	30,963,628	1,051	16,271,387	100
4	1745B	Ellis County Landfill	Ellis	1	206,363	37,854,288	1,362	25,778,770	108
4	664	City of Stephenville Landfill	Erath	4	19,387	137,250	618	42,410	2
4	1195B	Republic Maloy Landfill	Hunt	1	169,616	33,902,816	1,345	22,799,644	100
4	534	City of Cleburne Landfill	Johnson	1	364	12,413	1,000	6,207	12
4	1417C	Turkey Creek Landfill	Johnson	1	786,356	7,279,908	1,750	6,369,920	9.5
4	2190	City of Corsicana Landfill	Navarro	1	135,969	21,715,974	1,000	10,857,987	80
4	47A	Weatherford Landfill	Parker	1	38,149	9,181	1,250	5,738	0.2
4	218C	City of Fort Worth Southeast Landfill	Tarrant	1	795,013	17,493,690	1,557	13,618,838	13
4	358B	City of Arlington Landfill	Tarrant	1	866,605	42,732,518	1,594	34,057,817	34
4	1983D	Fort Worth C and D Landfill	Tarrant	4	480,790	8,834,920	1,317	5,817,795	11.5

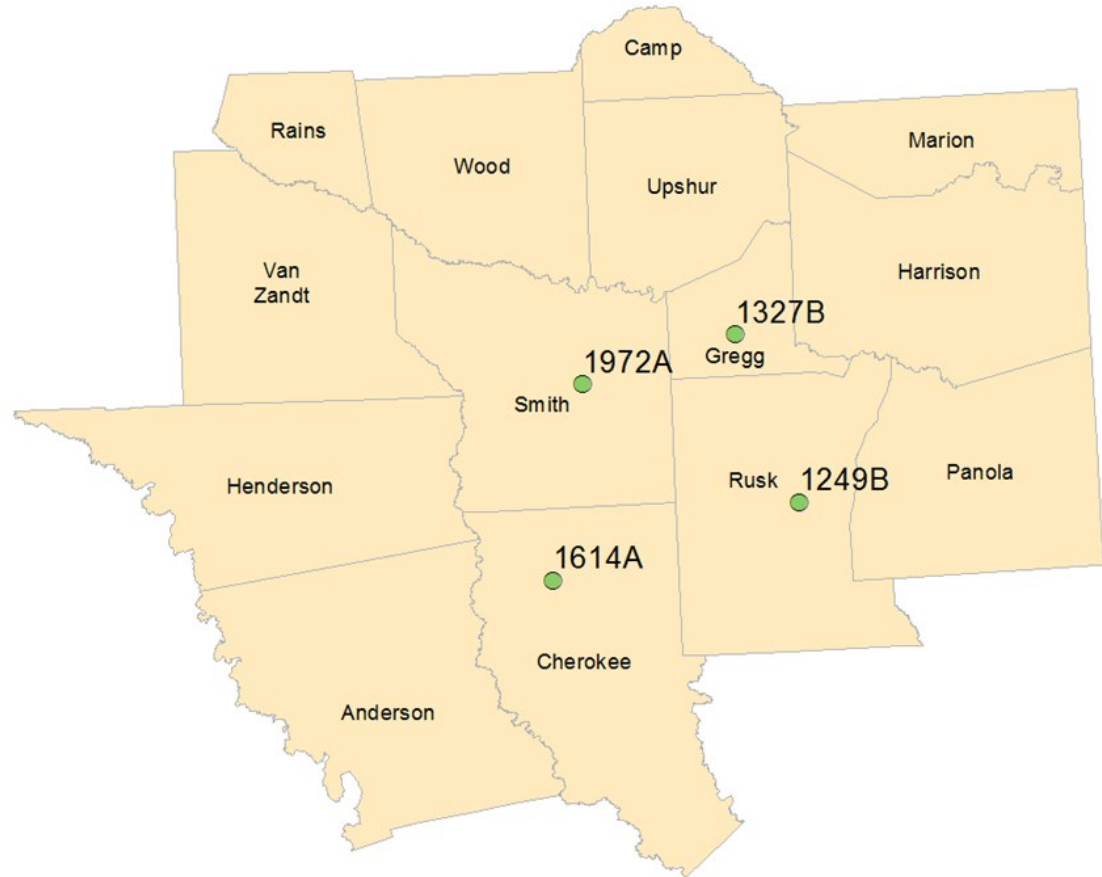
**COG 5: Ark-Tex Council of Governments—Landfill Locations**



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

COG	Permit	Site Name	County	Type	2022 Tons	Rem Yds	Rate	Rem Tons	Rem Yrs
5	576C	New Boston Landfill	Bowie	1	165,124	9,246,157	1,000	4,623,079	29
5	2358	Blossom Prairie Landfill	Lamar	1	209,510	92,968,939	1,328	61,731,375	294
5	797B	Pleasant Oaks Landfill	Titus	1	114,157	18,978,875	2,165	20,544,632	96

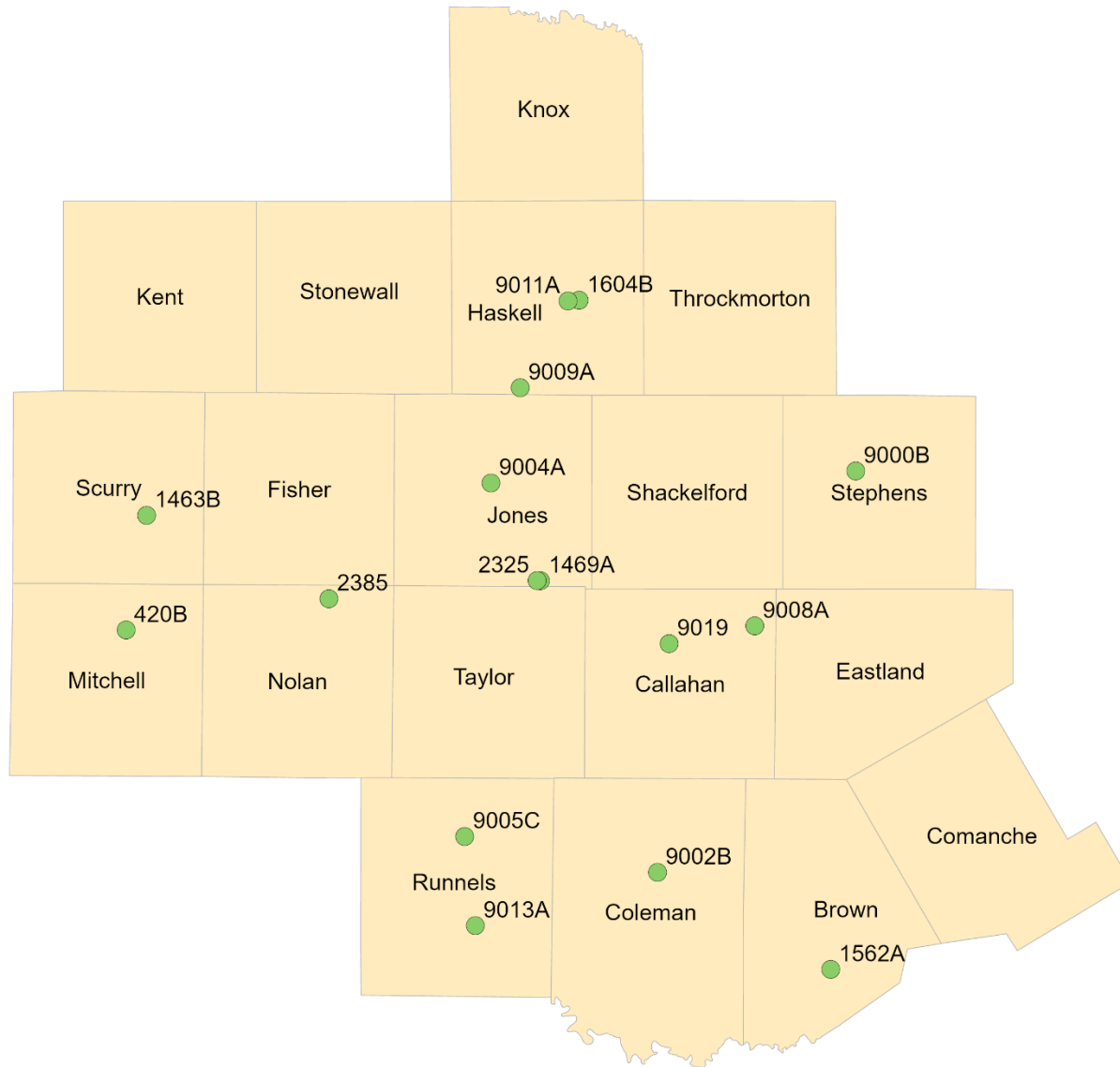
**COG 6: East Texas Council of Governments—Landfill Locations**



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

COG	Permit	Site Name	County	Type	2022 Tons	Rem Yds	Rate	Rem Tons	Rem Yrs
6	1614A	Royal Oaks Landfill	Cherokee	1	147,258	1,269,265	1,785	1,132,819	7
6	1327B	Pinehill Landfill	Gregg	1	223,818	14,785,530	1,544	11,414,429	45
6	1249B	East Texas Regional Landfill	Rusk	1	195,336	8,170,731	1,854	7,574,268	39
6	1972A	Greenwood Farms Landfill	Smith	1	249,390	103,295,044	1,484	76,644,923	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	2022 Tons	Rem Yds	Rate	Rem Tons	Rem Yrs
7	1562A	Brownwood Regional Landfill	Brown	1	116,405	16,156,871	1,100	8,886,279	76
7	9008A	City of Cross Plains Abandoned and Nuisance Building Disposal Facility	Callahan	MONOFILL	382	22,397	400	4,703	NA
7	9019	City of Baird Abandoned and Nuisance Building Disposal Facility	Callahan	MONOFILL	62	1,838	400	386	NA
7	9002B	City of Coleman Abandoned and Nuisance Building Disposal Facility	Coleman	MONOFILL	580	91,228	400	19,158	NA
7	1604B	City of Haskell Landfill	Haskell	1AE&4AE	1,590	492,663	700	172,432	2
7	9009A	City of Stamford Abandoned and Nuisance Building Disposal Facility	Haskell	MONOFILL	1,638	72,525	400	15,230	NA
7	9011A	City of Haskell Abandoned and Nuisance Building Disposal Facility	Haskell	MONOFILL	15	332,458	400	69,816	NA
7	1469A	Abilene Landfill	Jones	1	230,198	86,180,904	1,050	45,244,975	191
7	2325	Abilene Environmental Landfill	Jones	1	136,978	17,462,118	1,446	12,625,111	63
7	9004A	City of Anson Abandoned and Nuisance Building Disposal Facility	Jones	MONOFILL	483	341,594	400	71,735	NA
7	420B	City of Colorado City Municipal Landfill	Mitchell	1AE&4AE	5,103	967,250	700	338,538	43
7	2385	City of Sweetwater Landfill	Nolan	4AE	5,517	5,132,000	400	1,026,400	124.5
7	9005C	City of Winters Abandoned and Nuisance Building Disposal Facility	Runnels	MONOFILL	8	17,739	400	3,725	NA
7	9013A	City of Ballinger Abandoned and Nuisance Building Disposal Landfill	Runnels	MONOFILL	194	29,769	400	6,252	NA
7	1463B	City of Snyder Landfill	Scurry	1	34,136	9,728,785	1,000	4,864,393	143
7	9000B	City of Breckenridge Abandoned and Nuisance Building Disposal Facility	Stephens	MONOFILL	26	177,027	400	37,176	NA

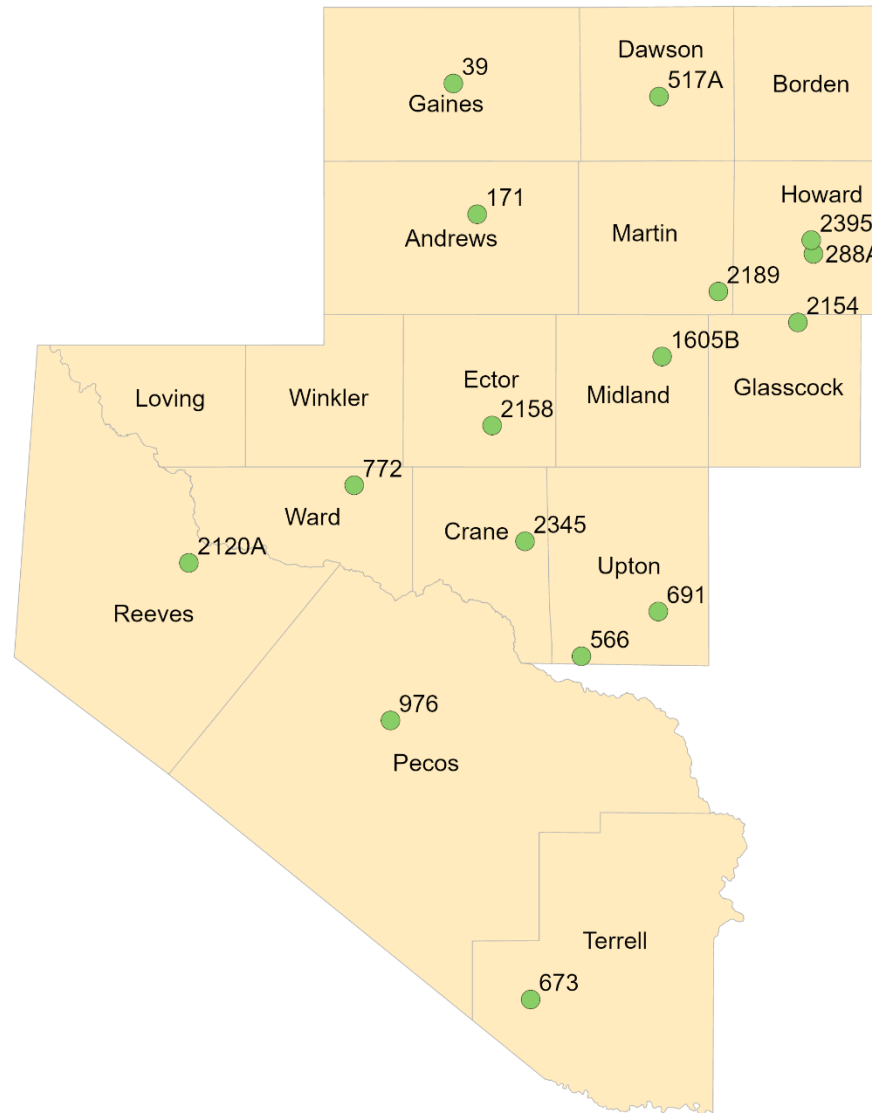
**COG 8: Rio Grande Council of Governments—Landfill Locations**



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

COG	Permit	Site Name	County	Type	2022 Tons	Rem Yds	Rate	Rem Tons	Rem Yrs
8	1276	Panther Junction Landfill	Brewster	1AE	300	90,514	750	33,943	4.5
8	2197	City of Alpine Landfill	Brewster	1AE&4AE	14,251	2,513,205	329	413,422	38
8	693A	Town of Van Horn Landfill	Culberson	1AE	3,100	525,885	2,787	732,821	19
8	729B	City of El Paso Landfill	El Paso	1	2	63,469,206	1,300	41,254,98	39
8	2284	Greater El Paso Landfill	El Paso	1	508,690	13,994,260	1,500	10,495,695	13
8	495	Hudspeth County Dell City Landfill	Hudspeth	1AE&4AE	1,072	176,849	850	75,161	14
8	957A	Hudspeth County Sierra Blanca Landfill	Hudspeth	1AE&4AE	4,280	1,200,117	850	510,050	55
8	1737A	City of Presidio Landfill	Presidio	1AE	6,852	414,868	400	82,974	11

**COG 9: Permian Basin Regional Planning Commission—Landfill Locations**

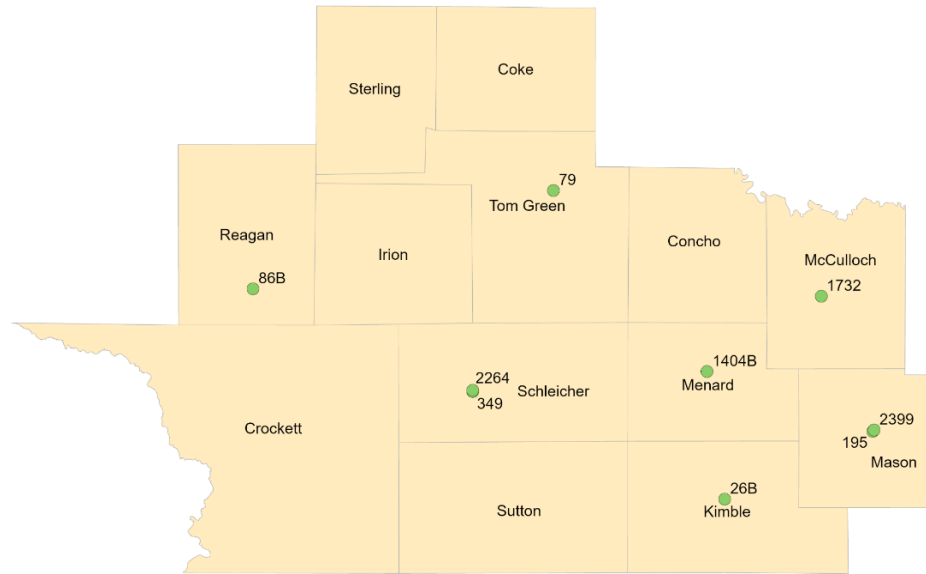




**COG 9: Permian Basin Regional Planning Commission—List of Landfills**

COG	Permit	Site Name	County	Type	2022 Tons	Rem Yds	Rate	Rem Tons	Rem Yrs
9	171	City of Andrews Landfill	Andrews	1AE&4AE	12,110	710,292	641	227,649	19
9	2345	City of Crane Landfill	Crane	1AE&4AE	4,403	5,062,390	700	1,771,837	443
9	517A	City of Lamesa Landfill	Dawson	1	19,259	1,244,579	1,156	719,367	37
9	2158	Odessa Landfill	Ector	1	398,464	26,741,506	1,225	16,379,172	50
9	39	City of Seminole Landfill	Gaines	1AE&4AE	13,337	1,341,715	810	543,395	49
9	2154	Glasscock County Landfill	Glasscock	1AE	734	6,421	250	803	3
9	288A	City of Big Spring Landfill	Howard	1	3,421	27,549	1,200	16,529	5
9	2395	City of Big Spring Howard County Big Sandy Draw Landfill	Howard	1	29,445	12,735,667	1,125	7,163,813	2279
9	2189	City of Stanton Landfill	Martin	1AE	7,467	449,243	1,000	224,621	30
9	1605B	City of Midland Landfill	Midland	1	289,786	29,477,609	845	12,454,290	43
9	976	City of Fort Stockton Landfill	Pecos	1AE&4AE	12,445	49,142	800	19,657	2
9	2120A	City of Pecos Landfill	Reeves	1AE&4AE	17,924	1,861,061	1,082	1,006,834	7
9	673	Terrell County Landfill	Terrell	4AE	253	11,800	300	1,770	33
9	566	City of McCamey Landfill	Upton	4AE	762	1,200,229	750	450,086	3
9	691	Upton County Rankin Landfill	Upton	4AE	568	45,618	400	9,124	28
9	772	City of Monahans Landfill	Ward	1AE&4AE	10,407	748,327	850	318,039	25.5

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

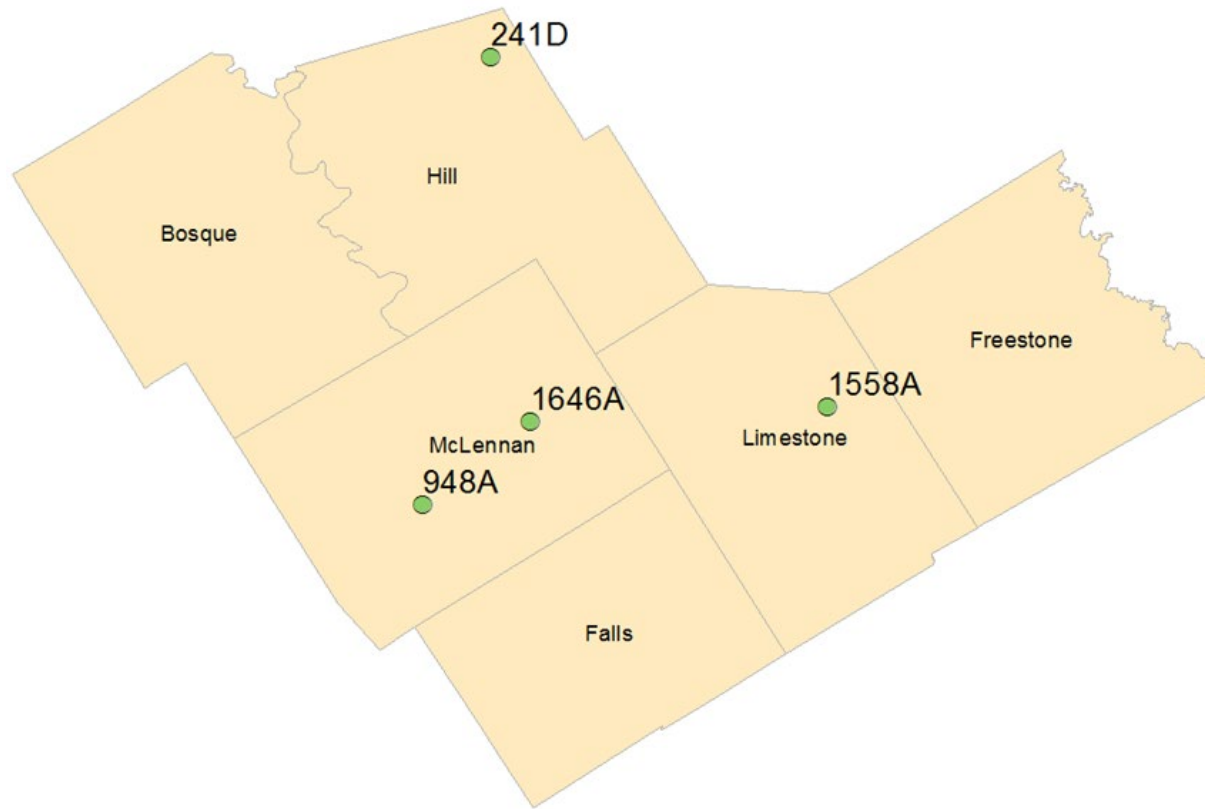


**COG 10: Concho Valley Council of Governments—List of Landfills**

COG	Permit	Site Name	County	Type	2022 Tons	Rem Yds	Rate	Rem Tons	Rem Yrs
10	26B	City of Junction Landfill	Kimble	4AE	1,200	582,308	1,000	291,154	195
10	195	City of Mason Landfill	Mason	1AE	16	42,840	1,000	21,420	4
10	2399	Mason East Landfill	Mason	1	3,259	2,189,180	900	985,131	150
10	1732	City of Brady Landfill	McCulloch	1AE&4AE	10,793	1,800,784	900	810,353	27
10	1404B	City of Menard Landfill <sup>9</sup>	Menard	4AE	249	8,062	234	943	35
10	86B	City of Big Lake Landfill	Reagan	1AE	3,814	908,230	795	361,021	85
10	349	City of Eldorado Landfill	Schleicher	4AE	252	545,309	1,500	408,982	68
10	2264	City of Eldorado Landfill	Schleicher	1AE	5,728	1,287,333	1,500	965,500	47
10	79	San Angelo Landfill	Tom Green	1	190,499	1,530,246	1,250	956,404	8

<sup>9</sup> Facility reported all incoming materials as diverted and no waste was disposed.

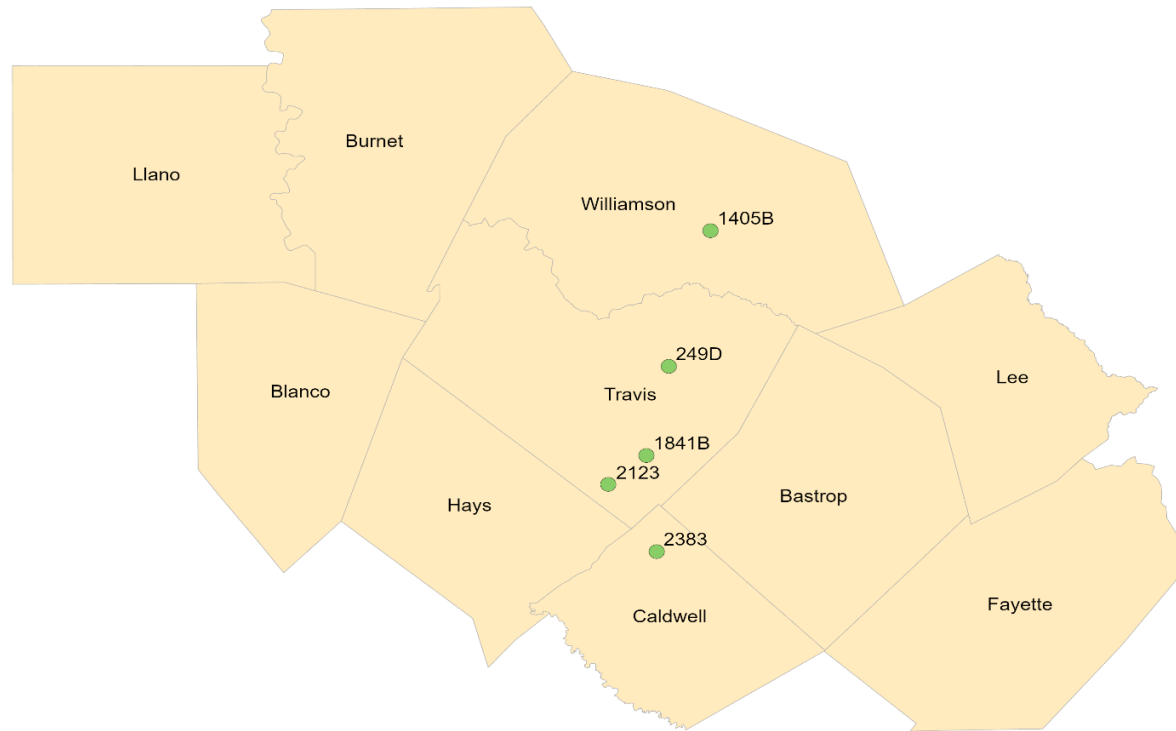
**COG 11: Heart of Texas Council of Governments—Landfill Locations**



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

COG	Permit	Site Name	County	Type	2022 Tons	Rem Yds	Rate	Rem Tons	Rem Yrs
11	241D	Itasca Landfill	Hill	1	462,090	44,416,011	1,509	33,511,880	58
11	1558A	BFI Mexia Landfill	Limestone	1	39,412	7,232,838	1,051	3,800,856	96
11	948A	City of Waco Landfill	McLennan	1	353,801	1,780,484	1,229	1,094,107	3
11	1646A	Lacy-Lakeview Recycling and Disposal Facility	McLennan	1	57,053	207,460	1,316	136,509	2

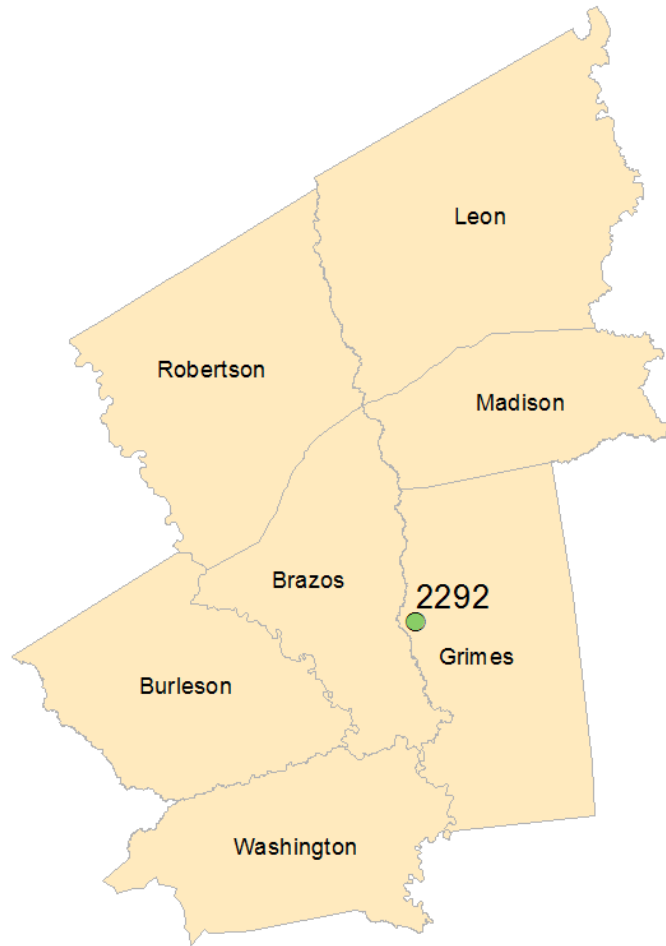
**COG 12: Capital Area Council of Governments—Landfill Locations**



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

COG	Permit	Site Name	County	Type	2022 Tons	Rem Yds	Rate	Rem Tons	Rem Yrs
12	2383	130 Environmental Park Landfill	Caldwell	1	115,975	32,661,573	750	12,248,090	40
12	249D	Austin Community Recycling & Disposal Facility	Travis	1	797,197	4,029,159	1,400	2,820,411	3
12	1841B	Travis County Landfill	Travis	4	302,834	4,931,441	1,040	2,564,349	12
12	2123	Texas Disposal Systems Landfill	Travis	1	1,213,589	12,791,348	1,360	8,698,117	7
12	1405B	Williamson County Recycling and Disposal Facility	Williamson	1	785,274	55,198,004	1,450	40,018,553	65

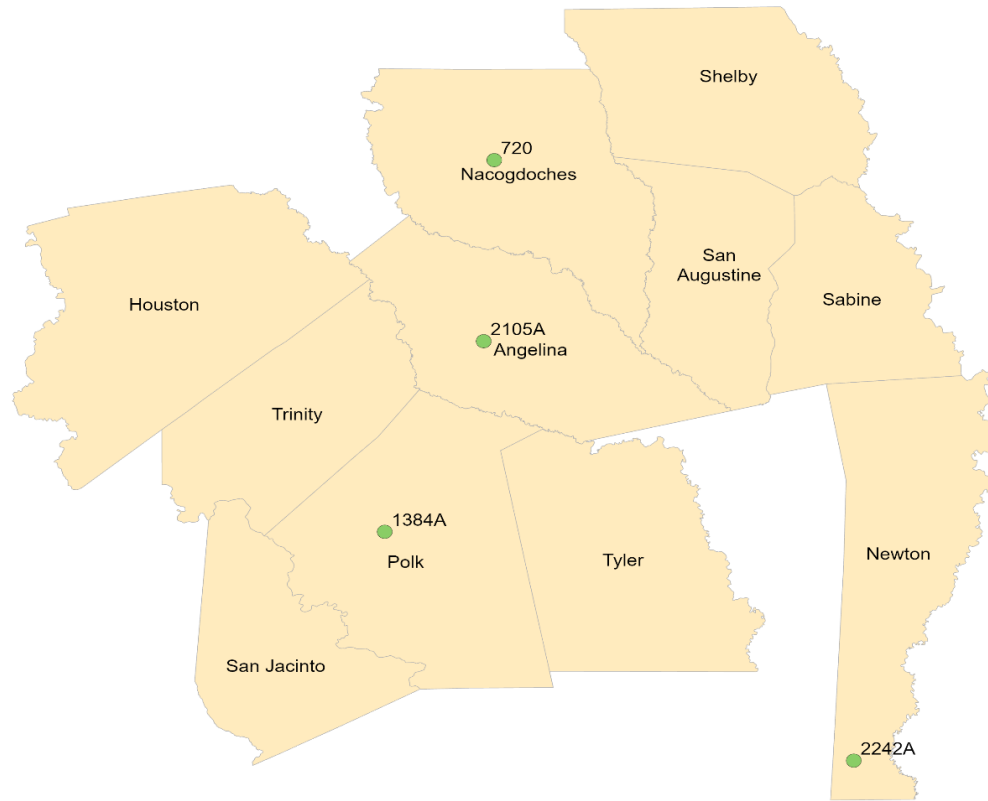
**COG 13: Brazos Valley Council of Governments—Landfill Locations**



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

COG	Permit	Site Name	County	Type	2022 Tons	Rem Yds	Rate	Rem Tons	Rem Yrs
13	2292	Twin Oaks Landfill	Grimes	1	491,072	30,815,443	1,407	21,678,664	44

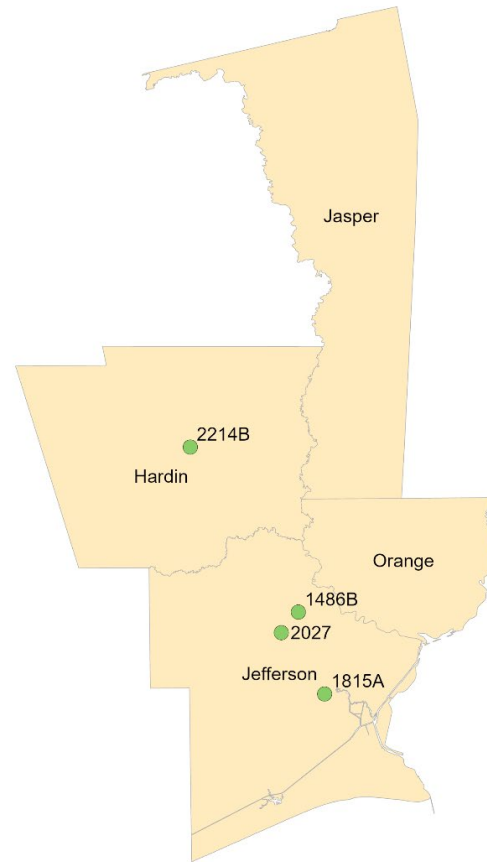
**COG 14: Deep East Texas Council of Governments—Landfill Locations**



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

COG	Permit	Site Name	County	Type	2022 Tons	Rem Yds	Rate	Rem Tons	Rem Yrs
14	2105A	Angelina County Waste Management Center	Angelina	1	129,905	2,627,000	1,200	1,576,200	9
14	720	City of Nacogdoches Landfill	Nacogdoches	1	82,987	2,152,644	1,100	1,183,954	20
14	2242A	Western Waste of Texas Newton Complex	Newton	1	311,304	39,896,646	1,600	31,917,317	97
14	1384A	Polk County Landfill	Polk	1	280,384	5,614,662	1,305	3,663,567	21

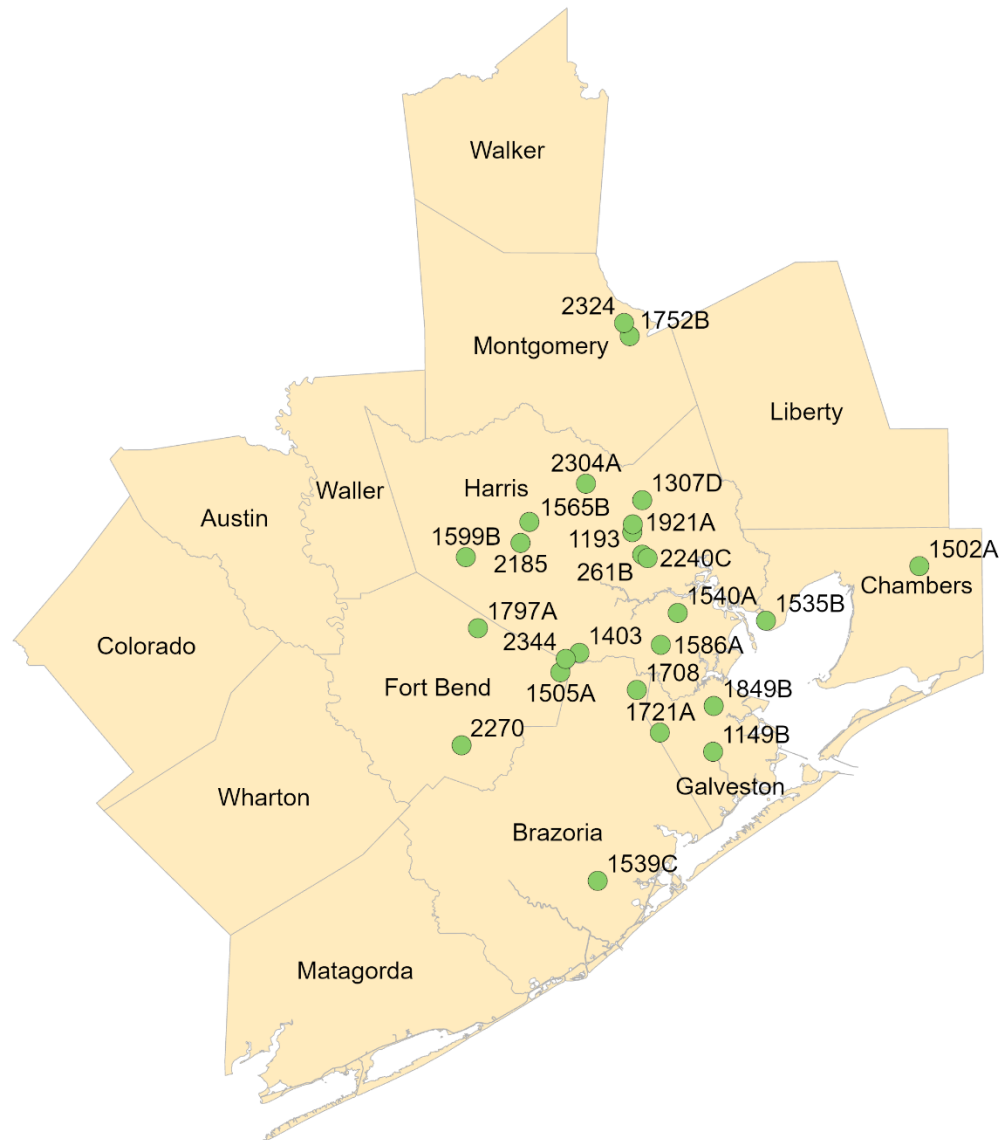
**COG 15: South East Texas Regional Planning Commission—Landfill Locations**



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

COG	Permit	Site Name	County	Type	2022 Tons	Rem Yds	Rate	Rem Tons	Rem Yrs
15	2214B	Hardin County Landfill	Hardin	1	26	4,280,115	519	1,110,690	100
15	1486B	City of Beaumont Landfill	Jefferson	1	356,390	15,327,480	1,384	10,606,616	30
15	1815A	City of Port Arthur Landfill	Jefferson	1	161,453	14,157,992	1,655	11,715,738	73
15	2027	BFI Golden Triangle Landfill	Jefferson	1	241,209	5,366,073	2,102	5,639,743	16

**COG 16: Houston-Galveston Area Council—Landfill Locations**





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

COG	Permit	Site Name	County	Type	2022 Tons	Rem Yds	Rate	Rem Tons	Rem Yrs
16	1539C	Seabreeze Environmental Landfill	Brazoria	1	1,196,476	29,717,571	1,940	28,826,044	22
16	1708	Dixie Farm Road Landfill	Brazoria	4	73,872	969,948	880	426,777	7
16	1502A	Chambers County Landfill	Chambers	1	27,098	17,031,090	1,200	10,218,654	377
16	1535B	Baytown Landfill	Chambers	1	489,667	7,263,767	1,650	5,992,608	14
16	1505A	Blue Ridge Landfill	Fort Bend	1	928,628	133,108,361	1,383	92,044,432	73.5
16	1797A	Sprint Fort Bend County Landfill	Fort Bend	4	308,068	25,371,310	976	12,381,199	17
16	2270	Fort Bend Regional Landfill	Fort Bend	1	1,209,825	28,149,592	1,500	21,112,194	32
16	1149B	Galveston County Landfill	Galveston	1	344,629	34,515,988	1,606	27,716,338	77
16	1721A	Coastal Plains Recycling and Disposal Facility	Galveston	1	623,864	9,620,494	1,920	9,235,674	14
16	1849B	North County Landfill	Galveston	4	20	3,582,406	1,314	2,353,641	100
16	261B	McCarty Road Landfill	Harris	1	1,195,500	15,271,587	1,948	14,874,526	13
16	1193	Whispering Pines Landfill	Harris	1	14	10,828,418	542	2,934,501	24
16	1307D	Atascocita Recycling and Disposal Facility	Harris	1	1,274,214	26,724,727	1,800	24,052,254	20
16	1403	Casco Hauling and Excavation Landfill	Harris	4	116,476	162,161	1,100	89,189	1
16	1540A	Greenshadows Landfill	Harris	4	120,847	1,805,866	1,760	1,589,162	10
16	1565B	Fairbanks Landfill	Harris	4	288,242	15,624,582	1,500	11,718,437	28
16	1586A	WCT Greenbelt Landfill	Harris	4	137,180	1,819,966	1,500	1,364,975	3
16	1599B	Greenhouse Road Landfill	Harris	4	120,752	10,662,000	1,500	7,996,500	36
16	1921A	Cougar Landfill	Harris	4	16	59,888	1,400	41,922	3
16	2185	Hawthorn Park Landfill	Harris	4	16	60,178	1,400	42,125	3
16	2240C	Ralston Road Landfill	Harris	4	80,815	1,742,949	1,500	1,307,212	7
16	2304A	Tall Pines Landfill	Harris	4	326,174	14,569,818	1,500	10,927,364	28
16	2344	Lone Star Recycling and Disposal Landfill	Harris	4	424,409	7,675,242	1,350	5,180,788	12
16	1752B	Security Recycling and Disposal Facility	Montgomery	1	381,647	10,759,618	1,700	9,145,675	23
16	2324	Sprint Montgomery Landfill	Montgomery	4	184,205	38,799,053	980	19,011,536	103

**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	2022 Tons	Rem Yds	Rate	Rem Tons	Rem Yrs
17	1522A	City of Victoria Landfill	Victoria	1	132,685	5,521,079	1,292	3,566,617	22.5

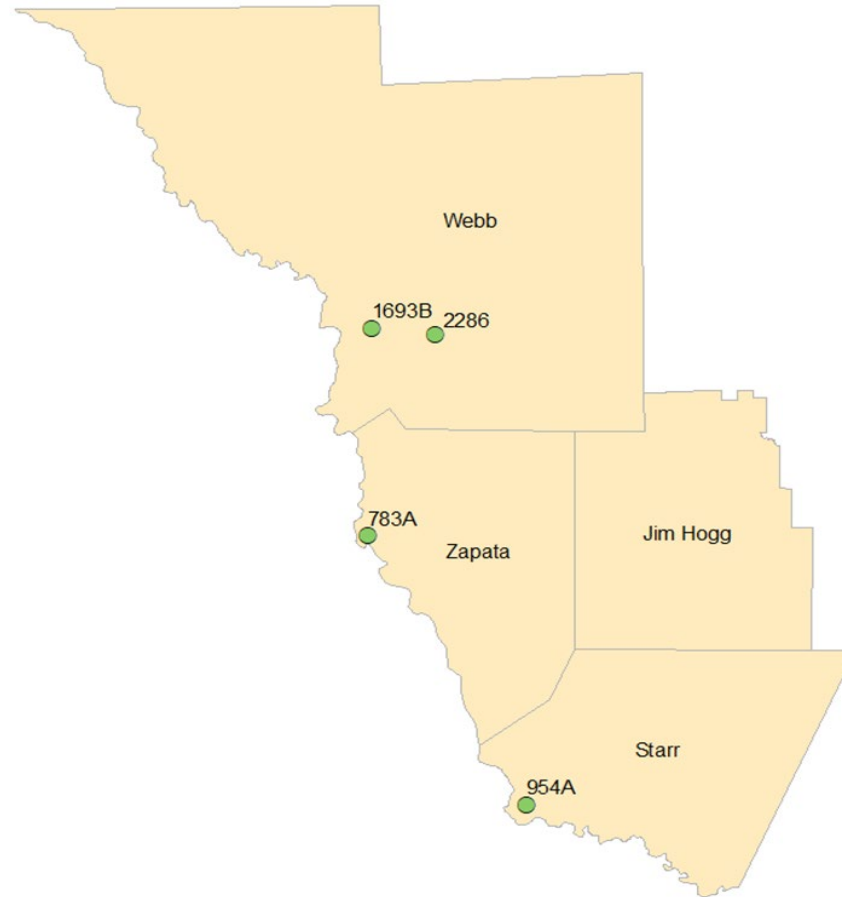
**COG 18: Alamo Area Council of Governments—Landfill Locations**



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

COG	Permit	Site Name	County	Type	2022 Tons	Rem Yds	Rate	Rem Tons	Rem Yrs
18	1410C	Tessman Road Landfill	Bexar	1	1,247,577	63,138,229	1,419	44,796,573	29
18	2093B	Covel Gardens Landfill	Bexar	1	1,325,698	97,190,732	1,800	87,471,659	65
18	66B	Mesquite Creek Landfill	Comal and Guadalupe	1	595,474	6,478,912	1,750	5,669,048	11
18	1995	City of Fredericksburg Landfill	Gillespie	1	46,076	1,168,620	1,180	689,486	12.5
18	1848	Beck Landfill	Guadalupe	4	265,004	1,681,867	1,300	1,093,214	9
18	2378	Post Oak Municipal Solid Waste Landfill	Guadalupe	1	65,706	86,827,479	940	40,808,915	736
18	1506B	City of Kerrville Landfill	Kerr	1	9,316	643,000	3,000	964,500	8
18	571A	McMullen County Landfill	McMullen	1AE	784	568,143	750	213,054	71

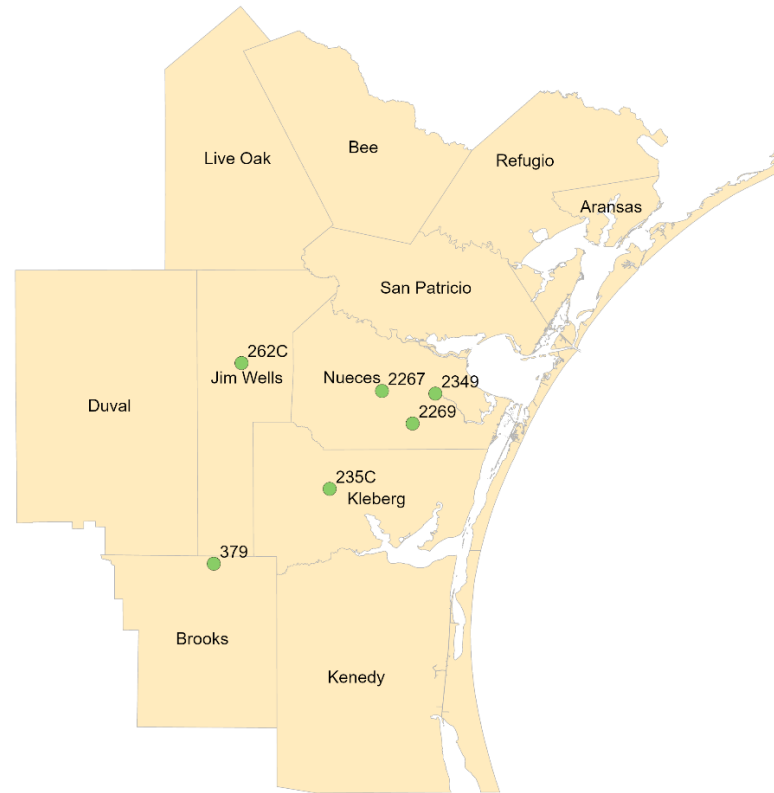
**COG 19: South Texas Development Council—Landfill Locations**



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

COG	Permit	Site Name	County	Type	2022 Tons	Rem Yds	Rate	Rem Tons	Rem Yrs
19	954A	City of Roma Landfill	Starr	1AE&4AE	6,974	6,949,481	850	2,953,529	423
19	1693B	City of Laredo Landfill	Webb	1	405,234	4,095,817	1,296	2,654,089	7
19	2286	Ponderosa Regional Landfill	Webb	1	617	87,696,263	1,060	46,479,019	75,331
19	783A	San Ygnacio Landfill	Zapata	1AE&4AE	2,346	240,477	1,000	120,239	26.5

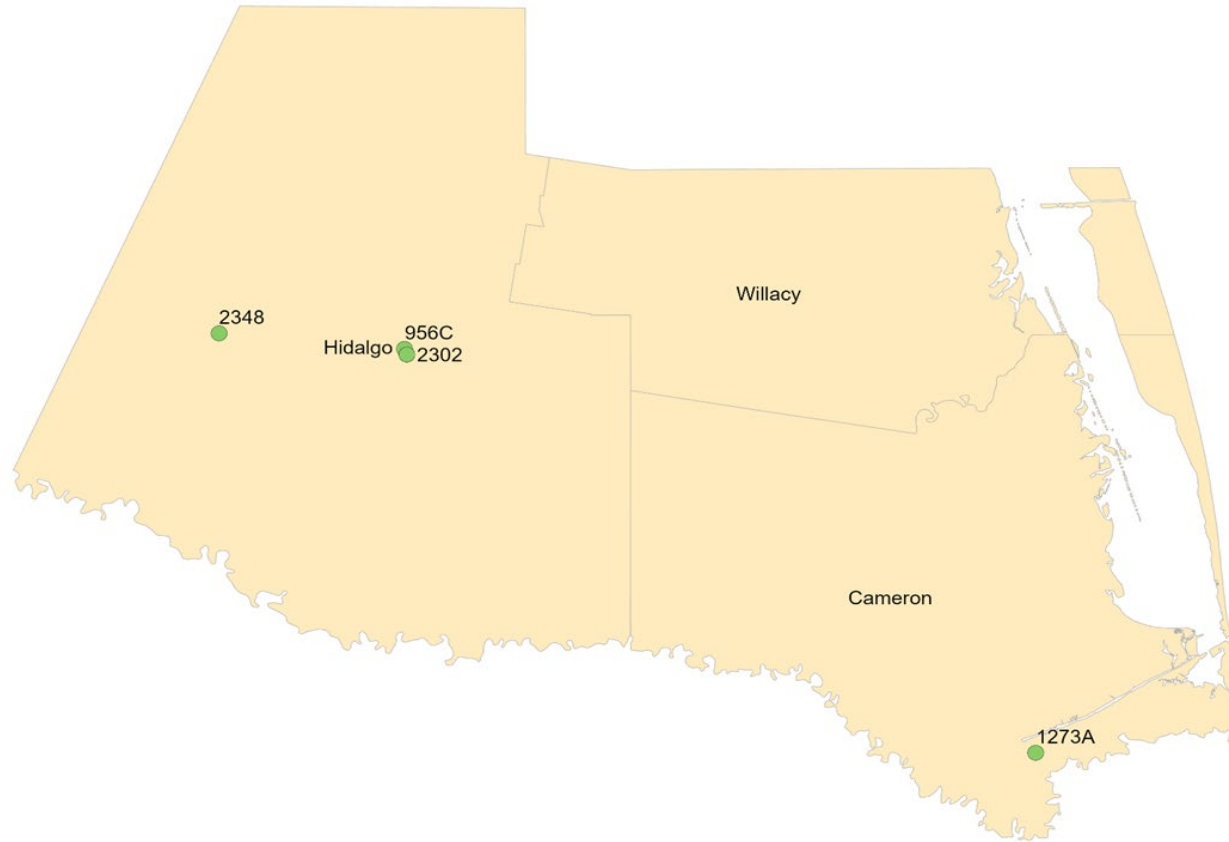
**COG 20: Coastal Bend Council of Governments—Landfill Locations**



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

COG	Permit	Site Name	County	Type	2022 Tons	Rem Yds	Rate	Rem Tons	Rem Yrs
20	379	Brooks County Landfill	Brooks	4AE	668	280,387	400	56,077	26
20	262C	City of Alice Landfill	Jim Wells	1	34,580	402,020	1,200	241,212	7
20	235C	City of Kingsville Landfill	Kleberg	1	35,801	14,916,834	1,200	8,950,100	97
20	2267	El Centro Landfill	Nueces	1	224,518	12,948,686	1,382	8,947,542	35
20	2269	Cefe Valenzuela Landfill	Nueces	1	380,921	120,077,749	1,567	94,080,916	247
20	2349	Gulley Hurst Landfill	Nueces	4	149,976	8,292,146	750	3,109,555	17.5

**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	2022 Tons	Rem Yds	Rate	Rem Tons	Rem Yrs
21	1273A	City of Brownsville Municipal Landfill	Cameron	1	396,791	25,861,937	1,757	22,719,712	45
21	956C	City of Edinburg Landfill	Hidalgo	1	544,370	69,884,775	1,428	49,897,729	92
21	2302	City of Edinburg Landfill	Hidalgo	4	146,470	8,724,599	1,039	4,532,429	31
21	2348	La Gloria Ranch Landfill	Hidalgo	1	344,110	106,142,199	1,513	80,296,574	166

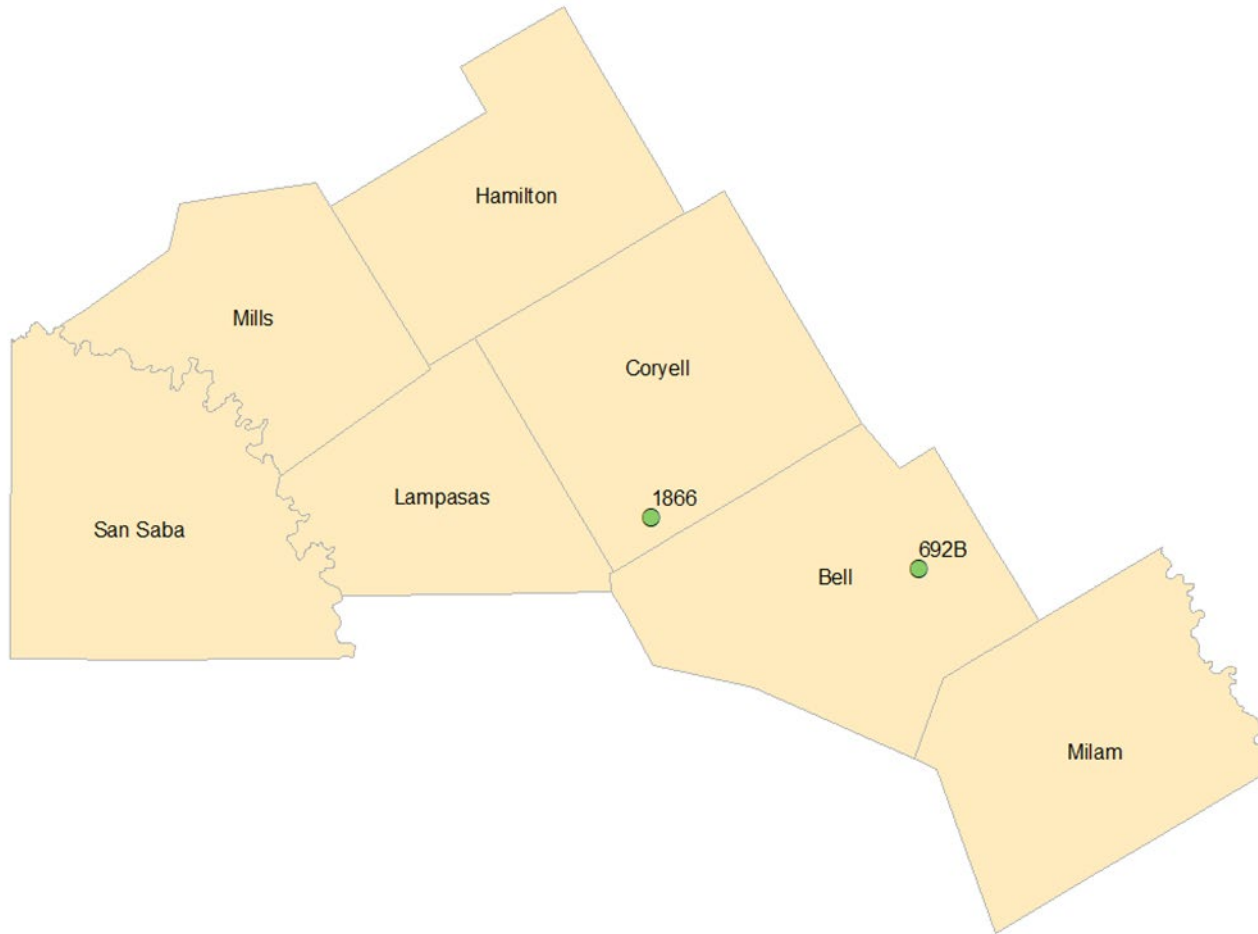
**COG 22: Texoma Council of Governments—Landfill Locations**



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

COG	Permit	Site Name	County	Type	2022 Tons	Rem Yds	Rate	Rem Tons	Rem Yrs
22	523B	Hillside Recycling and Disposal Facility	Grayson	1	119,354	10,338,736	740	3,825,332	37
22	2290	TEXOMA Area Solid Waste Authority Disposal and Recycling Facility	Grayson	1	256,596	20,410,865	1,000	10,205,433	61

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

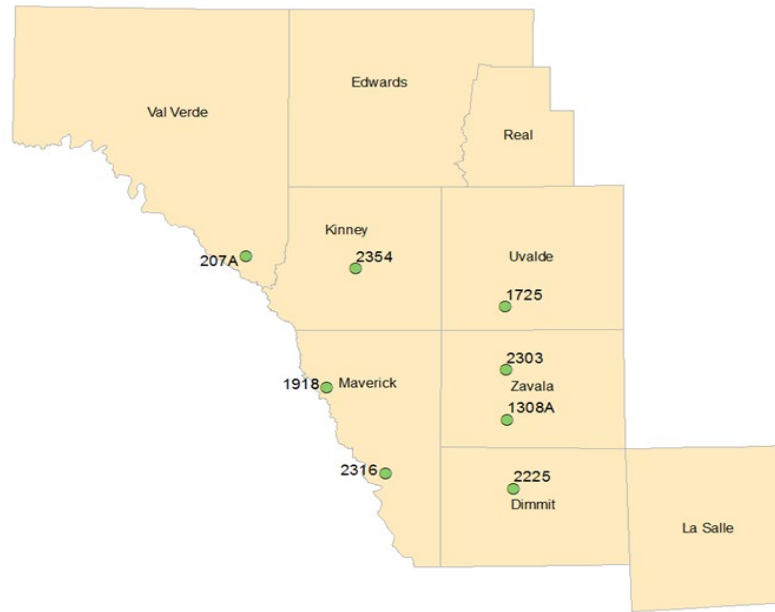


**COG 23: Central Texas Council of Governments—List of Landfills**

COG	Permit	Site Name	County	Type	2022 Tons	Rem Yds	Rate	Rem Tons	Rem Yrs
23	692B	Temple Recycling and Disposal Facility	Bell	1	613,108	38,180,468	1,600	30,544,374	54
23	1866	Fort Hood Landfill	Coryell	1	22,592	2,333,133	1,100	1,283,223	24



**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	2022 Tons	Rem Yds	Rate	Rem Tons	Rem Yrs
24	2225	City of Carrizo Springs Landfill	Dimmit	1AE	7,201	1,441,207	600	432,362	56
24	2354	Fort Clark Springs Association Landfill	Kinney	1AE	82	460,790	600	138,237	143
24	1918	City of Eagle Pass and Maverick Landfill	Maverick	4AE	3,130	1,066,162	750	399,811	14
24	2316	Maverick County El Indio Landfill	Maverick	1	61,933	13,979,997	1,036	7,241,638	117
24	1725	City of Uvalde Landfill	Uvalde	1	24,051	388,423	1,000	194,212	8
24	207A	City of Del Rio Landfill	Val Verde	1	47,068	517,280	1,273	329,249	7
24	1308A	City of Crystal City Landfill	Zavala	1AE	3,461	1,364,629	850	579,967	22
24	2303	Zavala County Landfill	Zavala	1AE	2,603	59,148	550	16,266	16



## Facility Data for MSW Processing Facilities

The maps and tables included in this section represent the MSW processing facilities that were active in 2022. 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](#)<sup>10</sup>:

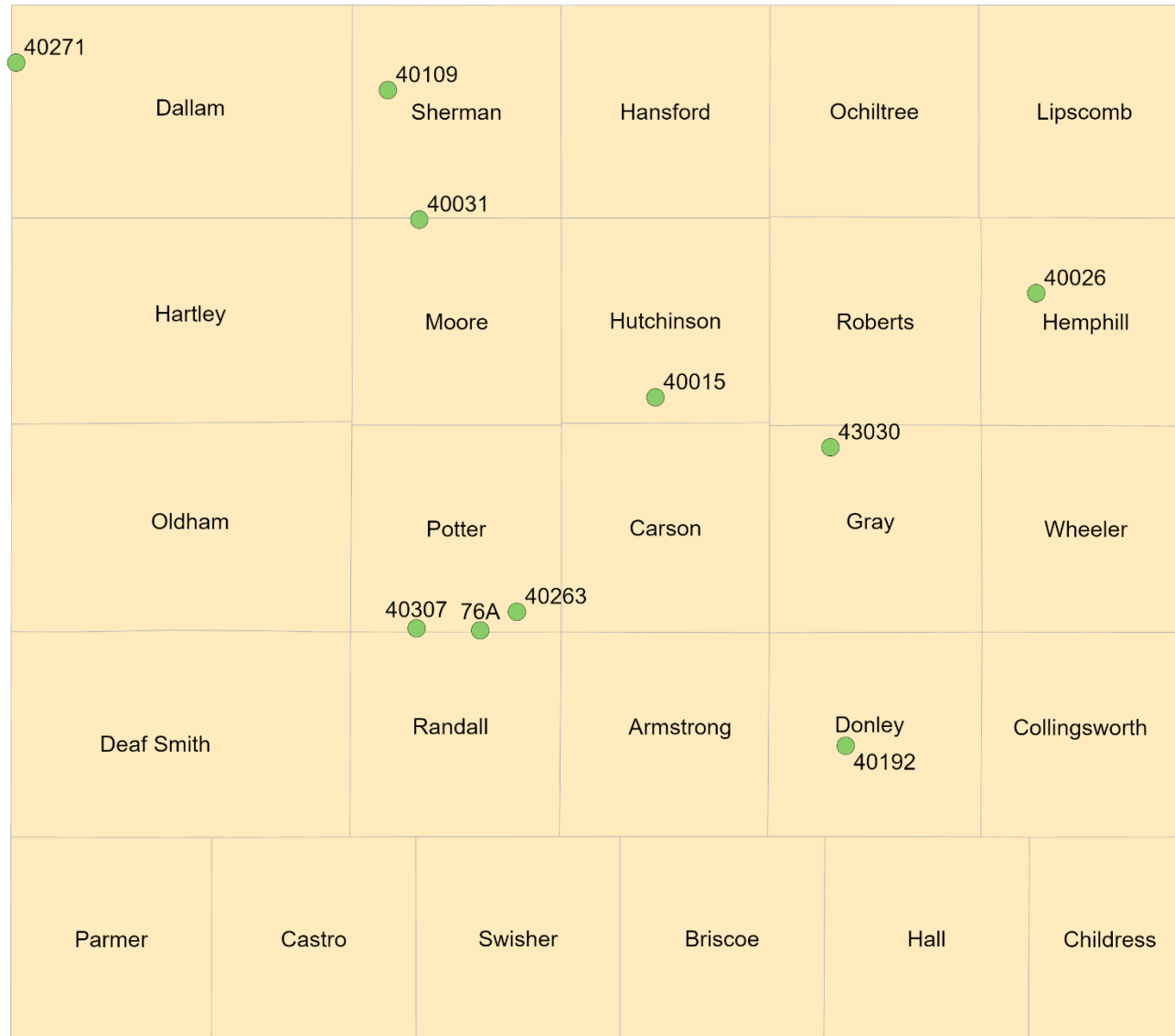
- On the *Central Registry Query—Additional ID Search* page, enter an MSW processing facility permit number, including any amendment letter (e.g., 1355A), or registration number (e.g., 40132) in the *Program ID* field, and click on the Search button.
- On the *ID Search Results List* page, select the “Municipal Solid Waste Processing” ID Number in the table.
- 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)

<sup>10</sup> [www.tceq.texas.gov/goto/cr-searchid](http://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**

<b>COG</b>	<b>Permit or Registration</b>	<b>Site Name</b>	<b>County</b>	<b>Type</b>	<b>2022 Tons</b>
1	40271	Tri-State Recycling Facility	Dallam	5TS	11,491
1	40192	City of Clarendon Transfer Station	Donley	5TS	416
1	43030	City of Pampa Liquid Waste Processing Facility	Gray	5GG	455
1	40026	City of Canadian Transfer Station	Hemphill	5TS	2,810
1	40015	City of Borger Transfer Station	Hutchinson	5TS	22,554
1	40031	City of Cactus Transfer Station	Moore	5TS	5,556
1	76A	City of Amarillo Transfer Station	Potter	5TS	131,971
1	40263	Biocycle Medical Waste Processing Facility	Potter	5AC	1,595
1	40307	Diversified Waste Management Medical Waste Processing Facility	Potter	5AC	748
1	40109	City of Stratford Transfer Station	Sherman	5TS	2,083

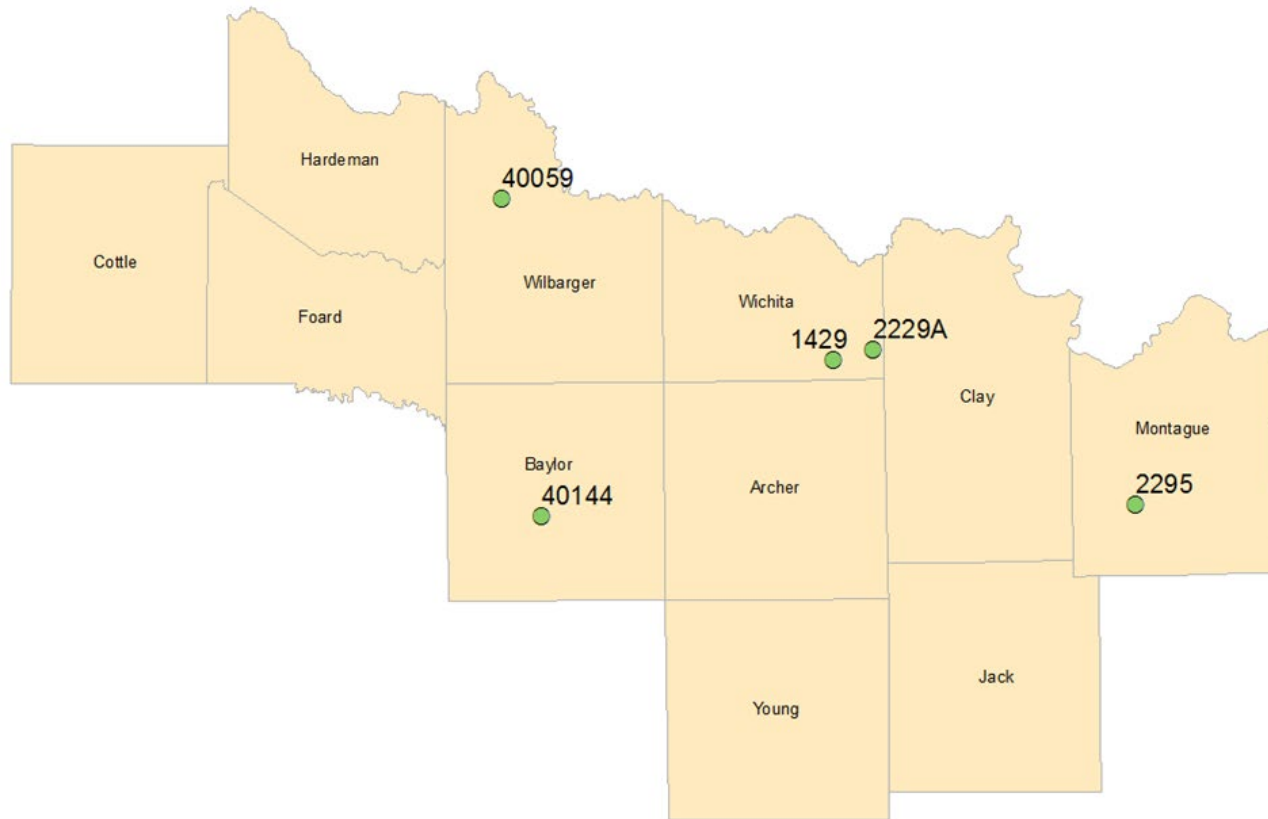
**COG 2: South Plains Association of Governments—Processing Facility Locations**



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

COG	Permit or Registration	Site Name	County	Type	2022 Tons
2	40051	City of Levelland Transfer Station	Hockley	5TS	41
2	2231	South Waste Disposal South Plains Liquid Waste Processing Facility	Lubbock	5GG	7,169
2	40176	Caliche Canyon Transfer Station	Lubbock	5TS	31
2	40279	Stericycle Lubbock Medical Waste Transfer Station	Lubbock	5MWTS	1,535

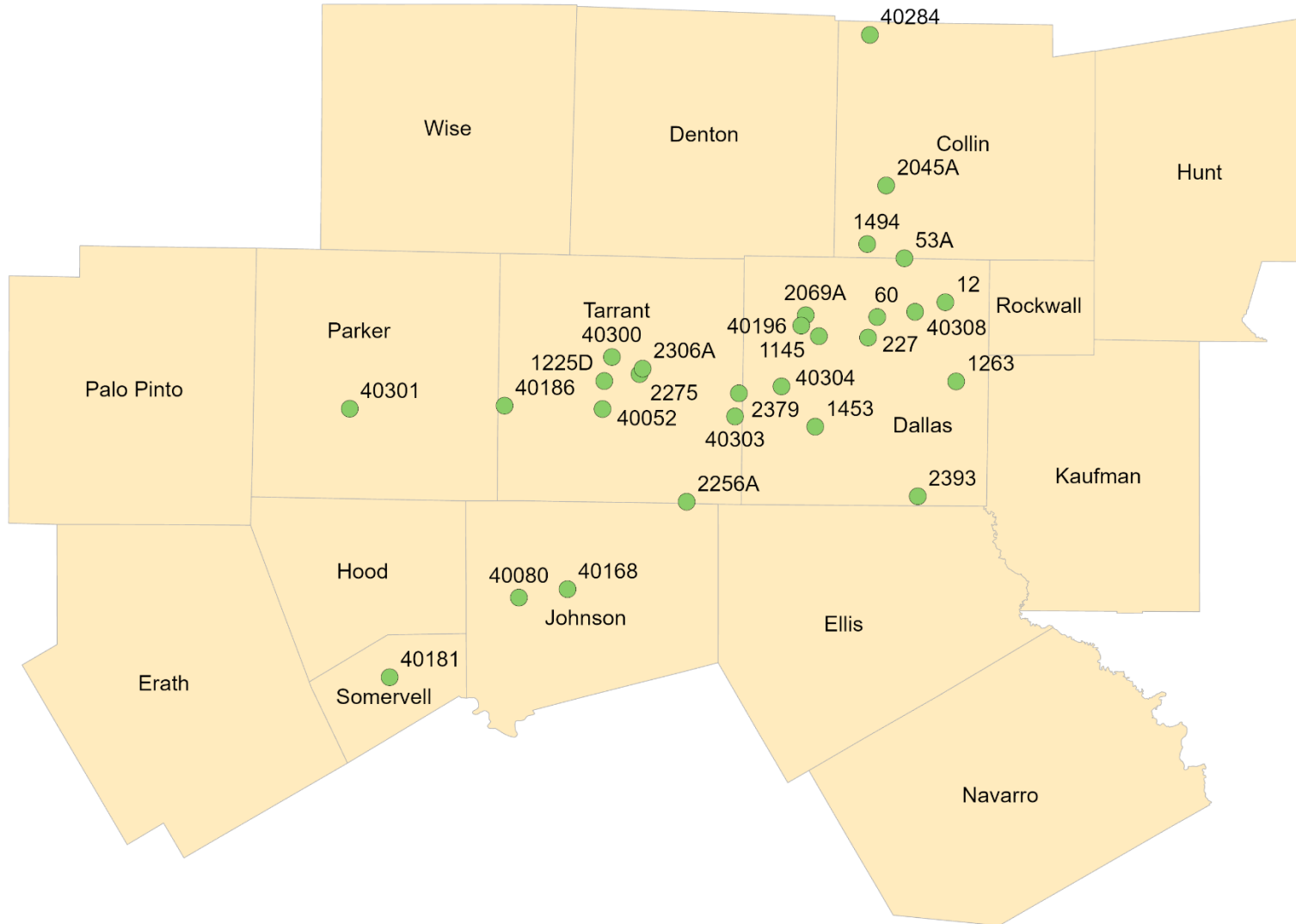
**COG 3: Nortex Regional Planning Commission—Processing Facility Locations**



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

COG	Permit or Registration	Site Name	County	Type	2022 Tons
3	40144	City of Seymour Transfer Station	Baylor	5TS	725
3	2295	Bowie Transfer Station	Montague	5TS	58,348
3	1429	City of Wichita Falls Transfer Station	Wichita	5TS	90,913
3	2229A	IMC Liquid Waste Processing Facility	Wichita	5GG	28,753
3	40059	City of Vernon Transfer Station	Wilbarger	5TS	18,200

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



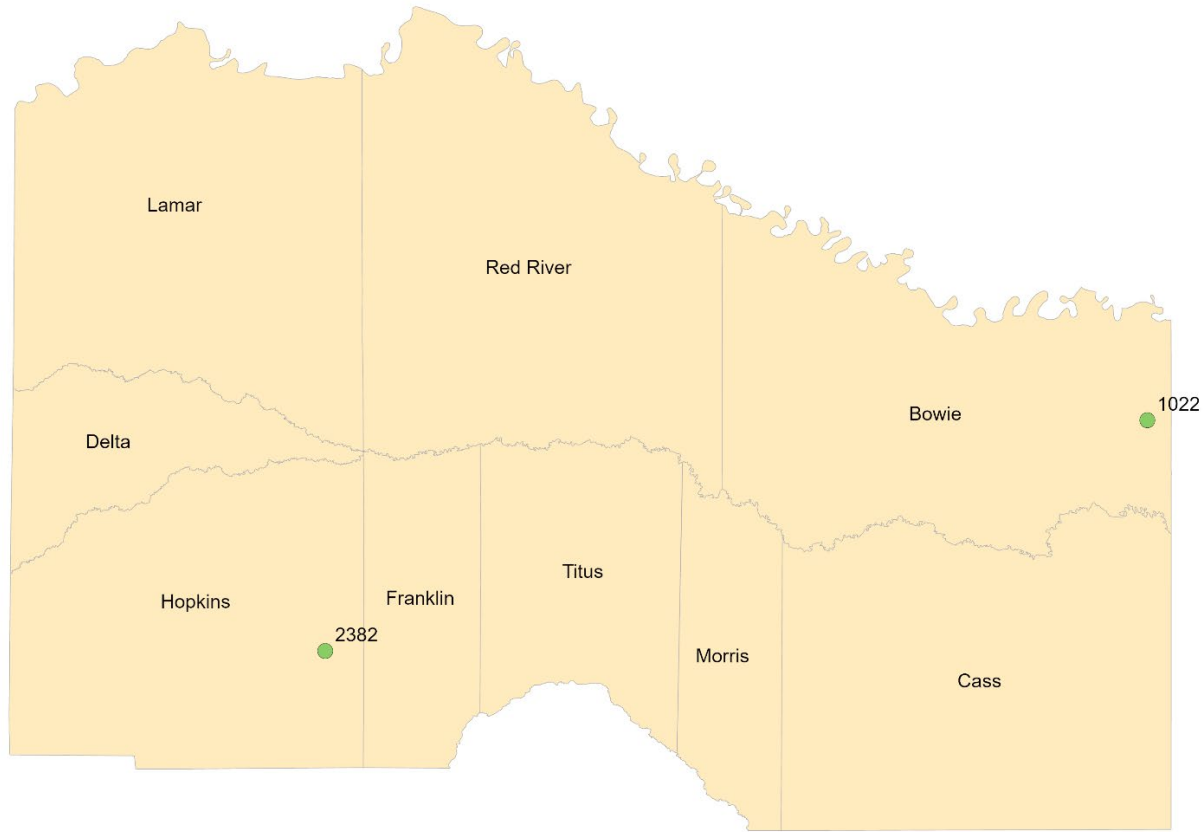


**COG 4: North Central Texas Council of Governments—List of Processing Facilities**

<b>COG</b>	<b>Permit or Registration</b>	<b>Site Name</b>	<b>County</b>	<b>Type</b>	<b>2022 Tons</b>
4	53A	Lookout Drive Transfer Station	Collin	5TS	202,333
4	1494	Parkway Transfer Station	Collin	5TS	109,634
4	2045A	Custer Road Transfer Station	Collin	5TS	323,907
4	40284	Town and Country Recycling Facility	Collin	5TS	34,645
4	12	City of Garland Transfer Station	Dallas	5TS	122,906
4	60	City of Dallas Transfer Station—Fair Oaks Ave	Dallas	5TS	52,353
4	227	City of University Park Transfer Station	Dallas	5TS	13,160
4	1145	City of Dallas Transfer Station—Harry Hines Blvd	Dallas	5TS	126,025
4	1263	City of Mesquite Transfer Station	Dallas	5TS	60,919
4	1453	City of Dallas Transfer Station—Westmoreland Rd	Dallas	5TS	56,068
4	2069A	Liquid Environmental Solutions of Texas Dallas Liquid Waste Processing Facility	Dallas	5GG	149,675
4	2393	Cactus Reclamation Services Wilmer Processing Facility	Dallas	5GG	23,789
4	40196	Community Waste Disposal Transfer Station	Dallas	5TS	142,035
4	40304	Inmar RX Solutions Medical Waste Transfer Station	Dallas	5MWTS	514
4	40308	Stericycle Garland Medical Waste Processing Facility	Dallas	5AC	14,120
4	40080	Harrington Environmental Liquid Waste Transfer Station	Johnson	5TL	6,454
4	40168	Cleburne Transfer Station	Johnson	5TS	95,216
4	40301	WC Weatherford Transfer Station	Parker	5TS	87,804
4	40181	Somervell County Transfer Station	Somervell	5TS	17,575
4	1225D	Cold Springs Liquid Waste Processing Facility	Tarrant	5GG	71,499
4	2256A	SouthWaste Disposal Dallas Liquid Waste Processing Facility	Tarrant	5GG	102,163
4	2275	North Texas Recycling Complex Transfer Station	Tarrant	5TS	45,764
4	2306A	WC Minnis Drive Transfer Station	Tarrant	5TS	212,050

<b>COG</b>	<b>Permit or Registration</b>	<b>Site Name</b>	<b>County</b>	<b>Type</b>	<b>2022 Tons</b>
4	2379	Liquitek Arlington Liquid Waste Processing Facility	Tarrant	5GG	33,551
4	40052	Southwest Paper Stock Transfer Station	Tarrant	5TS	10,581
4	40186	Westside Transfer Station	Tarrant	5TS	212,660
4	40300	Green and Gone North Texas	Tarrant	5MW	17
4	40303	Oncore Technology Medical Waste Processing Facility	Tarrant	5MW	5,335

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

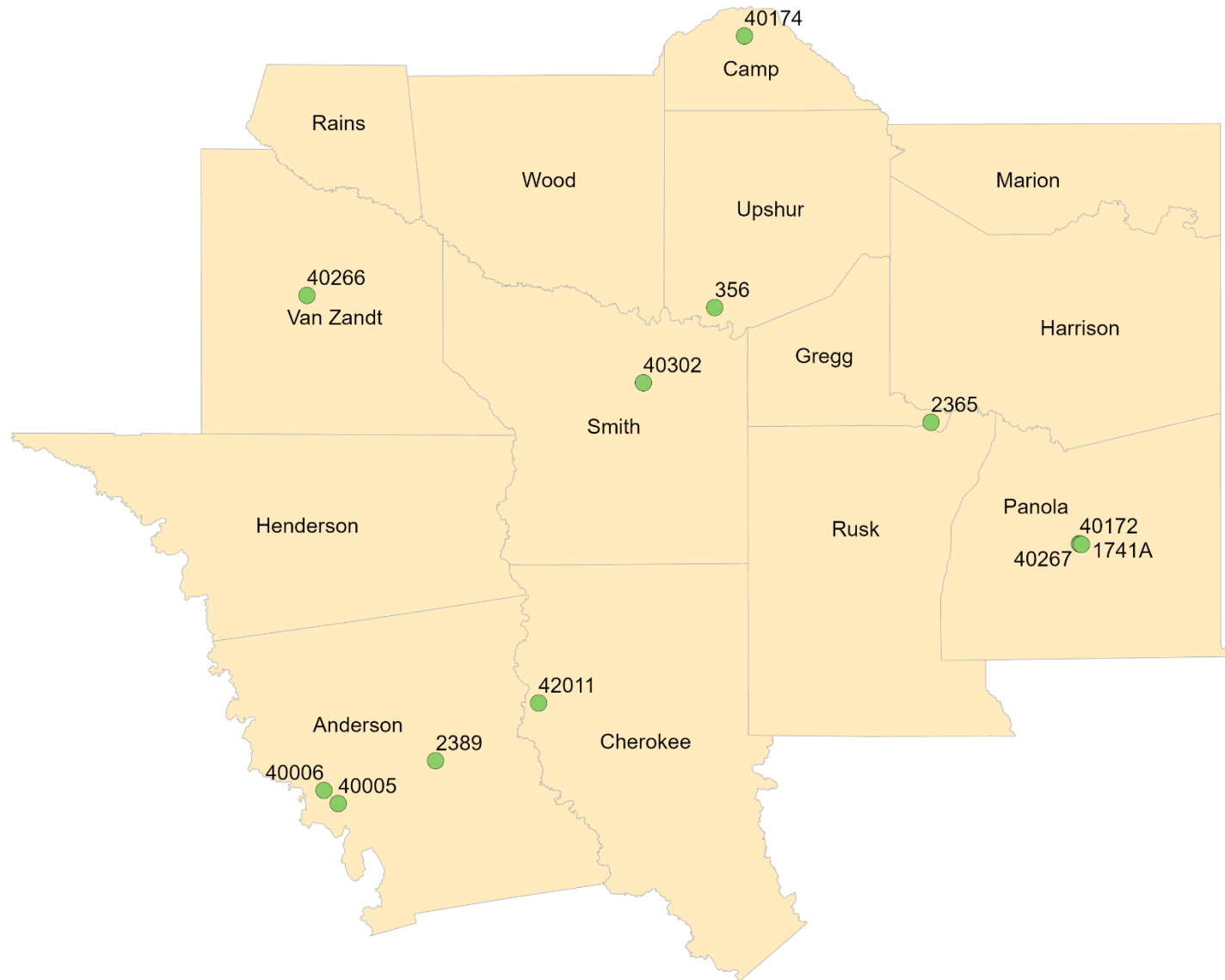


**COG 5: Ark-Tex Council of Governments—List of Processing Facilities**

COG	Permit or Registration	Site Name	County	Type	2022 Tons
5	1022	Western Refuse of Texas Transfer Station <sup>11</sup>	Bowie	5TS	0
5	2382	Stouts Creek Compost Facility	Hopkins	5RC	14,174

<sup>11</sup> 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	2022 Tons
6	2389	Palestine Transfer Station	Anderson	5TS	41,272
6	40005	TDCJ Beto Transfer Station	Anderson	5TS	850
6	40006	TDCJ Coffield Transfer Station	Anderson	5TS	1,297
6	40174	Pittsburgh Transfer Station	Camp	5TS	31,959
6	42011	Angelina Neches River Authority Compost Facility	Cherokee	5RC	4,961
6	2365	Edwards Construction Liquid Waste Processing Facility	Gregg	5GG	7,185
6	1741A	Sharps Environmental Services Medical Waste Processing Facility <sup>12</sup>	Panola	5WI	560
6	40172	City of Carthage Transfer Station	Panola	5TS	6,899
6	40267	Sharps Environmental Services Medical Waste Processing Facility	Panola	5WI	816
6	40302	Ark-La-Tex Shredding Medical Waste Transfer Station	Smith	5MWTS	2
6	356	Vital Earth Resources Compost Facility	Upshur	5RC	2,880
6	40266	City of Canton Transfer Station	Van Zandt	5TS	37,423

<sup>12</sup> Authorization is for processing MSW only.

**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	2022 Tons
7	No Processing Facilities in COG Region 7 in 2022				

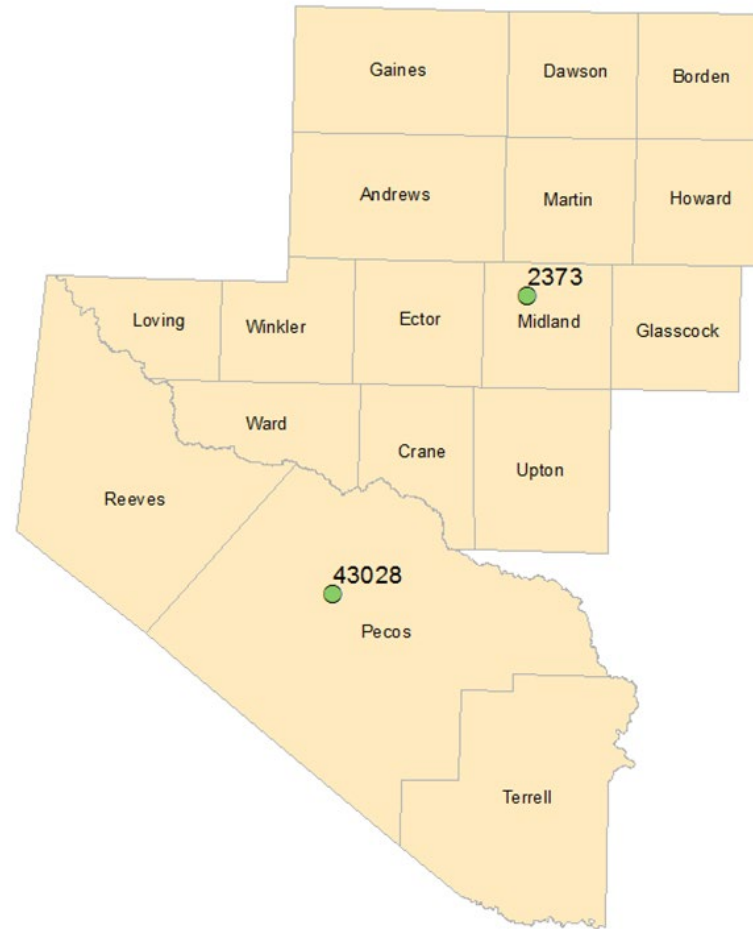
**COG 8: Rio Grande Council of Governments—Processing Facility Locations**



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

COG	Permit or Registration	Site Name	County	Type	2022 Tons
8	728	City of El Paso Delta Transfer Station	El Paso	5TS	12,359
8	2355	Liquid Environmental Solutions of Texas El Paso Liquid Waste Processing Facility	El Paso	5GG	22,981
8	40237	El Paso C&D Recycling Plant	El Paso	5TS	2,818
8	40261	Stericycle El Paso Medical Waste Transfer Station	El Paso	5MWTS	1,826
8	40262	Mediwaste Medical Waste Processing Facility	El Paso	5AC	814
8	40295	USADACENFB Fort Bliss Transfer Station	El Paso	5TS	12

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

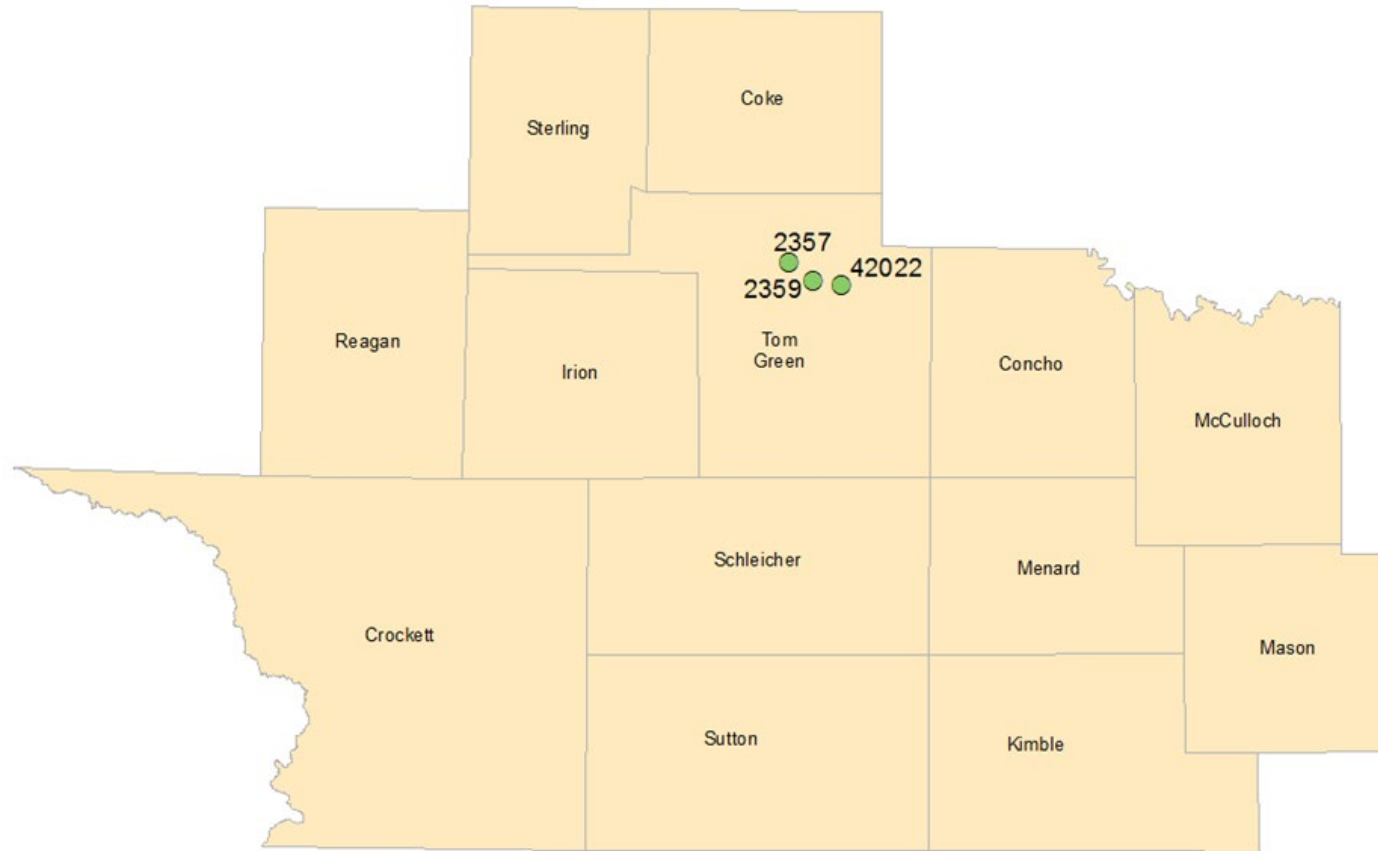


**COG 9: Permian Basin Regional Planning Commission—List of Processing Facilities**

COG	Permit or Registration	Site Name	County	Type	2022 Tons
9	2373	Affordable Dewatering Service Liquid Waste Processing Facility	Midland	5GG	164,581
9	43028	City of Stockton Liquid Waste Processing Facility	Pecos	5GG	384



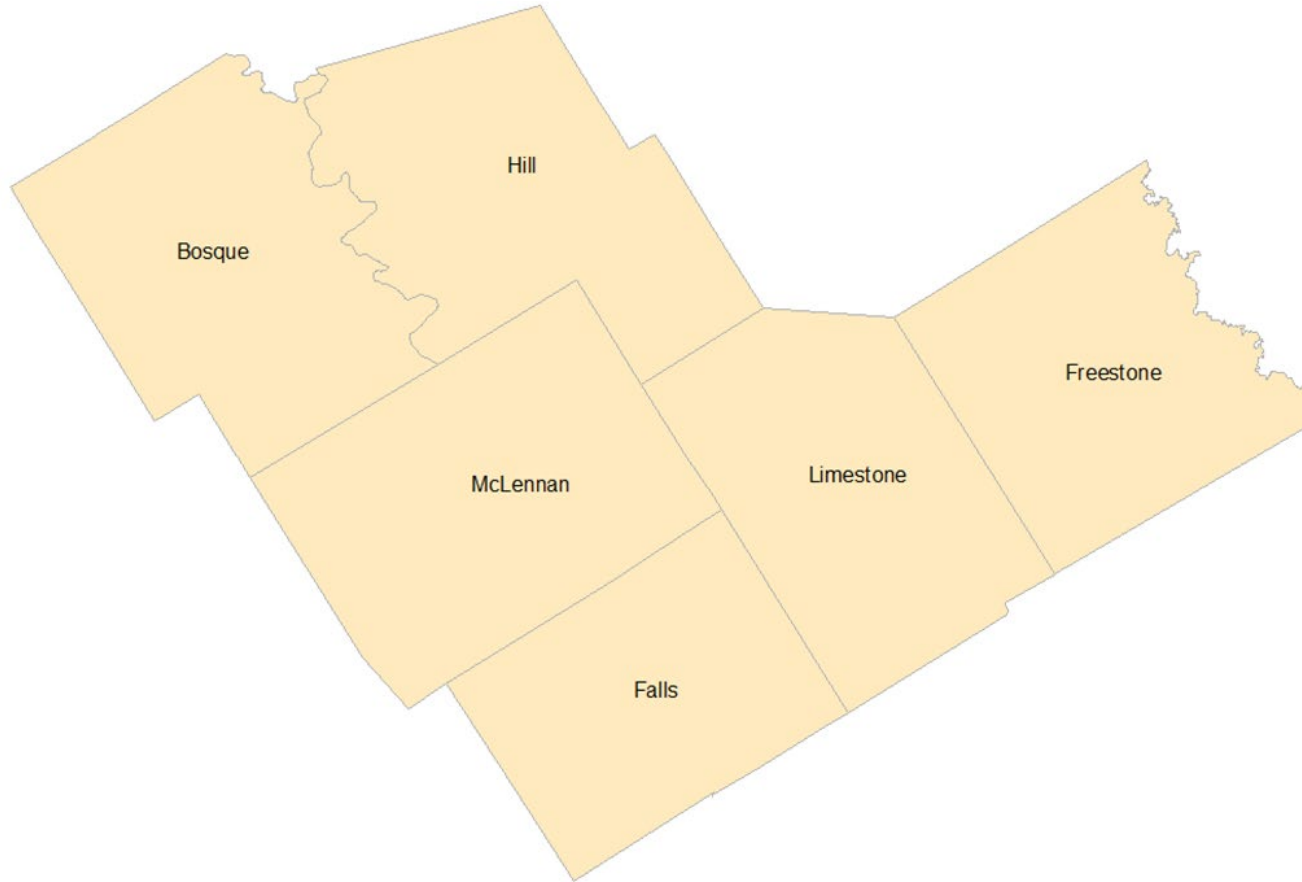
**COG 10: Concho Valley Council of Governments—Processing Facility Locations**



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

COG	Permit or Registration	Site Name	County	Type	2022 Tons
10	2357	San Angelo Pro Pump Dewatering & Compost Facility	Tom Green	5RC	1108
10	2359	D's Recycling Compost Facility	Tom Green	5RC	219
10	42022	Kickapoo Compost Facility	Tom Green	5RC	867

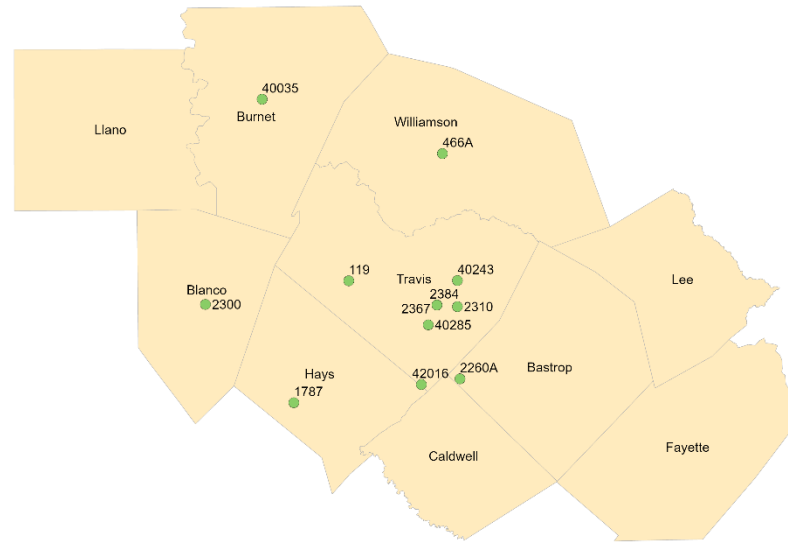
**COG 11: Heart of Texas Council of Governments—Processing Facility Locations**



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

COG	Permit or Registration	Site Name	County	Type	2022 Tons
11	No Processing Facilities in COG Region 11 in 2022				

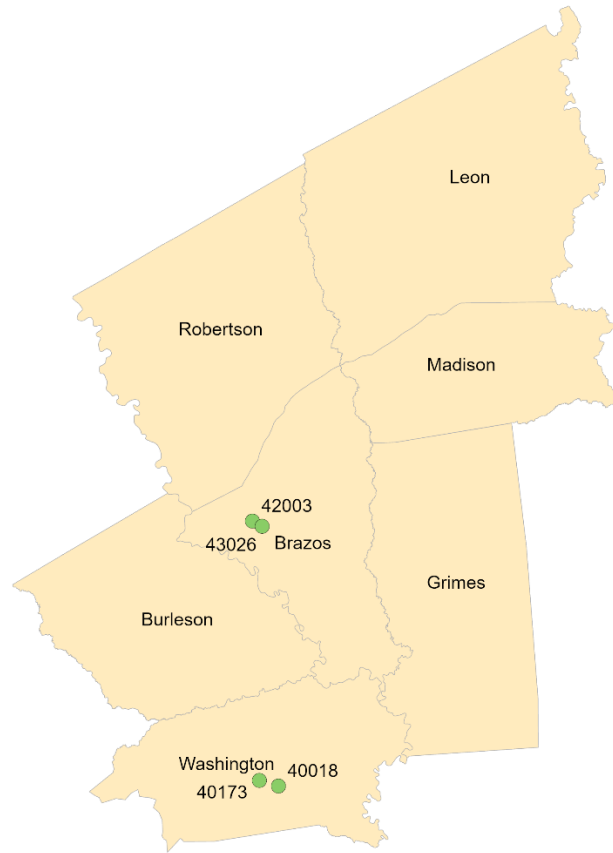
**COG 12: Capital Area Council of Governments—Processing Facility Locations**



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

COG	Permit or Registration	Site Name	County	Type	2022 Tons
12	2260A	Stericycle Austin Medical Waste Processing Facility	Bastrop	5AC	7,273
12	2300	Blanco County Transfer Station	Blanco	5TS	21,061
12	40035	Burnet Transfer Station	Burnet	5TS	34,666
12	1787	Hays County Transfer Station	Hays	5TS	1,396
12	119	Texas Disposal System Eco Depot	Travis	5TS	9,701
12	2310	J-V Dirt + Loam Composting Facility	Travis	5RC	228,944
12	2367	Austin Liquid Waste Processing Facility	Travis	5GG	36,148
12	2384	Austin Wastewater Liquid Waste Processing Facility	Travis	5GG	75,206
12	40243	River City Recycles Transfer Station	Travis	5TS	16,836
12	40285	Burleson Road Liquid Waste Processing Facility	Travis	5GG	56,788
12	42016	Texas Organic Recovery Compost Facility	Travis	5RC	28,626
12	466A	City of Georgetown Transfer Station	Williamson	5TS	91,732

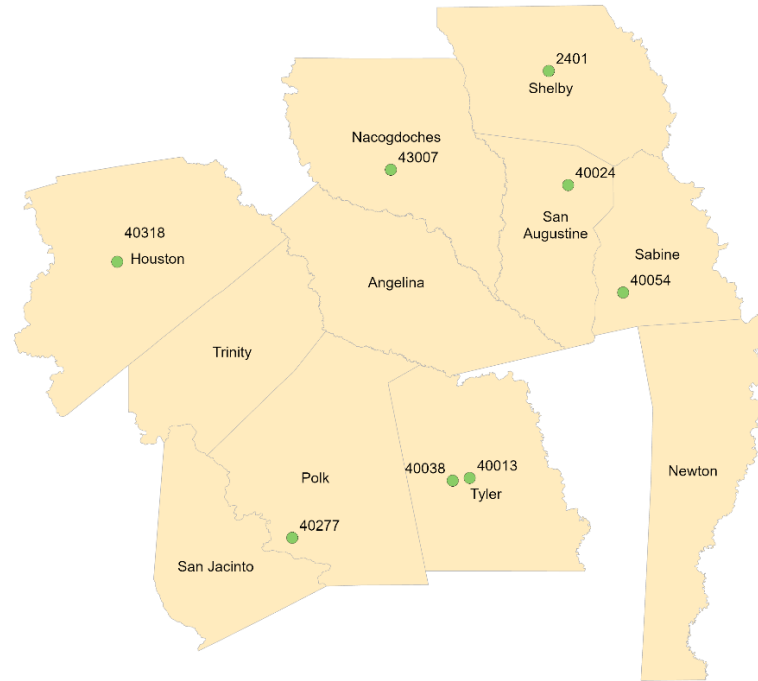
**COG 13: Brazos Valley Council of Governments—Processing Facility Locations**



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

COG	Permit or Registration	Site Name	County	Type	2022 Tons
13	42003	Bryan Compost Facility	Brazos	5RC	15,724
13	43026	Still Creek Liquid Waste Processing Facility	Brazos	5GG	8,368
13	40018	City of Brenham Transfer Station	Washington	5TS	48,357
13	40173	Washington County Transfer Station	Washington	5TS	39,261

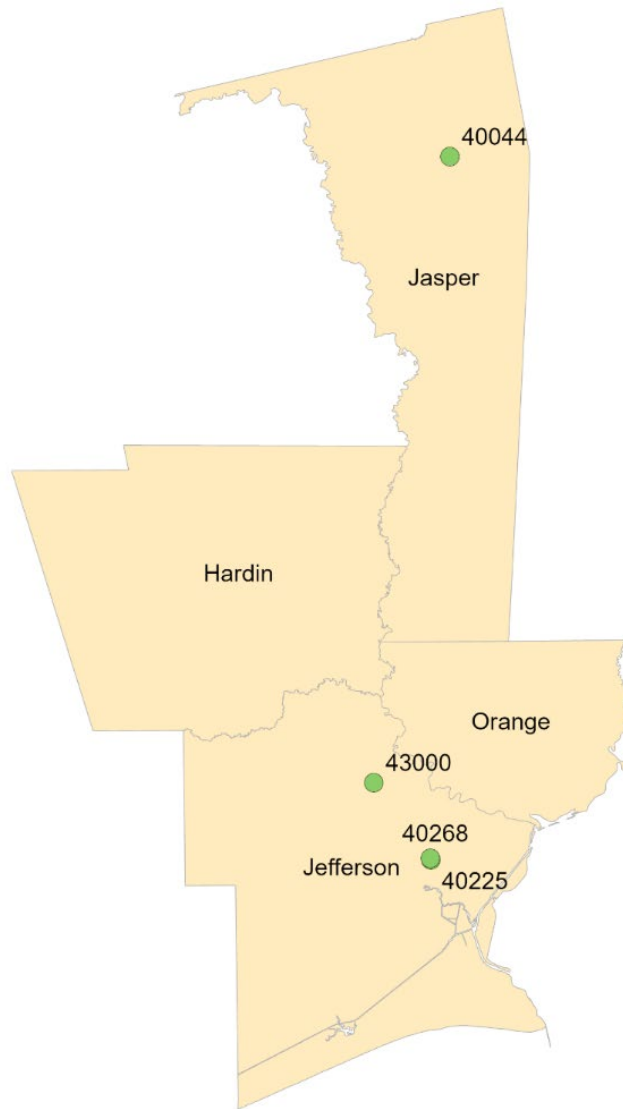
**COG 14: Deep East Texas Council of Governments—Processing Facility Locations**



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

COG	Permit or Registration	Site Name	County	Type	2022 Tons
14	40318	Piney Woods Sanitation Transfer Station	Houston	5TS	4,334
14	43007	City of Nacogdoches Grease Treatment Facility	Nacogdoches	5GG	3,193
14	40277	Pro Star Waste Transfer Station	Polk	5TS	504
14	40054	Pineland Transfer Station	Sabine	5TS	819
14	40024	City of San Augustine Transfer Station	San Augustine	5TS	326
14	2401	R&J Recycling and Disposal Transfer Station	Shelby	5TS	13,960
14	40013	City of Woodville Transfer Station	Tyler	5TS	3,688
14	40038	Tyler County Transfer Station	Tyler	5TS	4,430

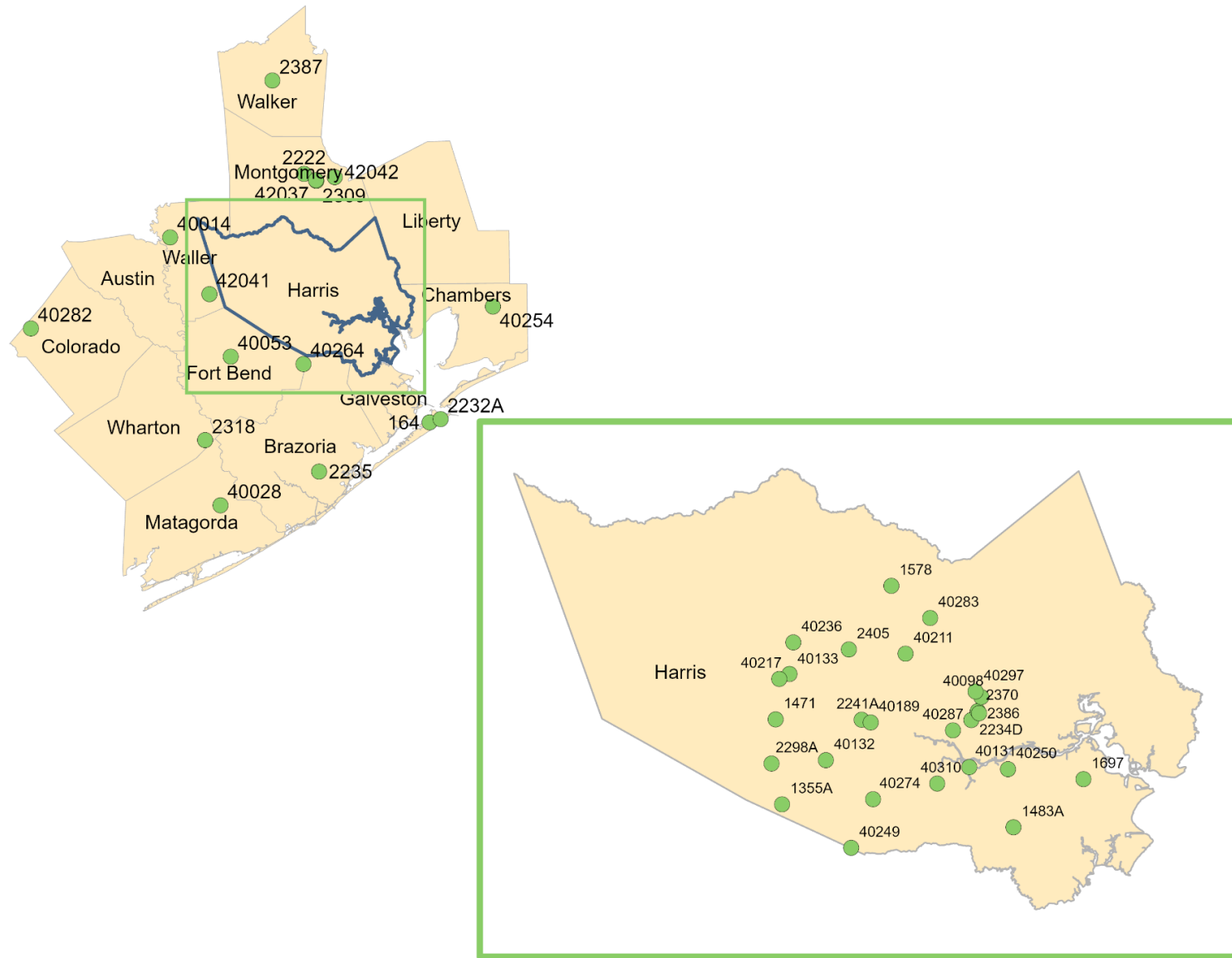
**COG 15: South East Texas Regional Planning Commission—Processing Facility Locations**



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

<b>COG</b>	<b>Permit or Registration</b>	<b>Site Name</b>	<b>County</b>	<b>Type</b>	<b>2022 Tons</b>
15	40044	City of Jasper Transfer Station	Jasper	5TS	17,000
15	40225	Sprint Recycling Center—Port Arthur	Jefferson	5TS	18,867
15	40268	Biomedical Waste Solutions Medical Waste Processing Facility	Jefferson	5AC	2,114
15	43000	JTB Recycling Liquid Waste Processing Facility	Jefferson	5GG	6,785

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





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

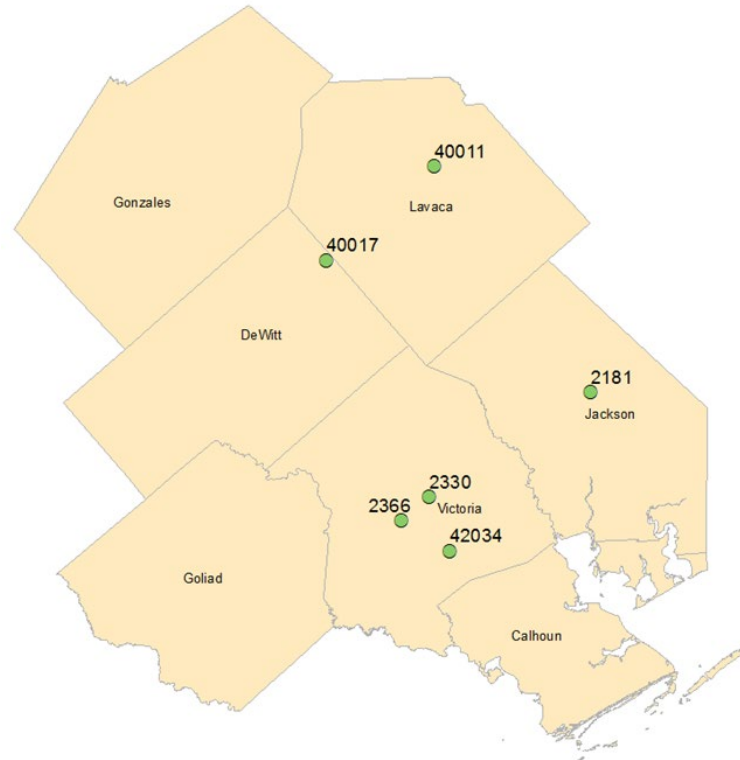
COG	Permit or Registration	Site Name	County	Type	2022 Tons
16	2235	Brazoria County Recycling Center <sup>13</sup>	Brazoria	5TS	0
16	40254	Paragon Southwest Medical Waste Processing Facility	Chambers	5MW	1,892
16	40282	City of Weimar Transfer Station	Colorado	5TS	48,870
16	40053	Best Septic Tank Cleaning Liquid Waste Transfer Station	Fort Bend	5TL	2,985
16	40264	Stericycle Fresno Medical Waste Transfer Station	Fort Bend	5MWTS	4,120
16	164	City of Galveston Transfer Station	Galveston	5TS	109,420
16	2232A	UTMB Galveston Medical Waste Processing <sup>14</sup>	Galveston	5WI	453
16	1355A	Ruffino Hills Transfer Station	Harris	5TS	437,314
16	1471	Sam Houston Recycling Center	Harris	5TS	216,161
16	1483A	Koenig Street Transfer Station	Harris	5TS	255,179
16	1578	Hardy Road Transfer Station	Harris	5TS	516,109
16	1697	City of Deer Park Transfer Station	Harris	5TS	19,624
16	2234D	Liquid Environmental Solutions of Texas Houston Liquid Waste Processing Facility	Harris	5GG	244,189
16	2241A	SouthWaste Disposal Hurst Liquid Waste Processing Facility	Harris	5GG	140,799
16	2298A	Downstream Liquid Waste Processing Facility	Harris	5GG	35,354
16	2370	Wastewater Residuals Management Liquid Waste Processing Facility	Harris	5GG	30,633
16	2386	EZ Waste MSW Resource Recovery and Transfer Facility	Harris	5TS	35,600
16	2405	R&J Transfer Station	Harris	5TS	113,624
16	40098	BFI Houston Resource Renewal Complex Transfer Station	Harris	5TS	1,650
16	40131	Houston Southeast Transfer Station	Harris	5TS	218,520
16	40132	Houston Southwest Transfer Station	Harris	5TS	331,470
16	40133	Houston Northwest Transfer Station	Harris	5TS	263,494
16	40189	Egbert Transfer Station	Harris	5TS	34,845
16	40211	Sprint Recycling Center—Northeast	Harris	5TS	76,880

<sup>13</sup> Facility reported all incoming materials as diverted and no waste transferred for disposal.

<sup>14</sup> Facility not authorized to process MSW.

COG	Permit or Registration	Site Name	County	Type	2022 Tons
16	40217	Tanner Road Transfer Station	Harris	5TS	57,611
16	40236	HWS Prairie Transfer Station	Harris	5TS	32,087
16	40249	Lone Star Recycling & Disposal Facility Transfer Station	Harris	5TS	451,639
16	40250	Lone Star SRD Shredding Recycling Disposal Medical Waste Processing Facility	Harris	5AC	143
16	40274	Holmes Road Transfer Station	Harris	5TS	106,877
16	40283	Daniels Sharpsmart Houston Medical Waste Processing Facility	Harris	5MW	824
16	40287	Gainsborough Waste Transfer Station	Harris	5TS	69,973
16	40297	FCC Materials Recovery Facility	Harris	5TS	25,389
16	40310	Nucore Environmental Services Medical Waste Processing Facility	Harris	5AC	258
16	40028	Matagorda County Transfer Station	Matagorda	5TS	4,984
16	2222	Stericycle Conroe Medical Waste Processing Facility	Montgomery	5AC	13,517
16	2309	Mid America Transfer Station & Material Recovery Facility	Montgomery	5TS	183,174
16	42037	New Earth Conroe Compost Facility	Montgomery	5RC	70,683
16	42042	Triple-S Compost Facility	Montgomery	5RC	115,044
16	2387	City of Huntsville Transfer Station	Walker	5TS	44,342
16	40014	City of Hempstead Transfer Station	Waller	5TS	155
16	42041	New Earth Soils and Compost Facility	Waller	5RC	90,758
16	2318	Don Tol Compost Facility	Wharton	5RC	3,602

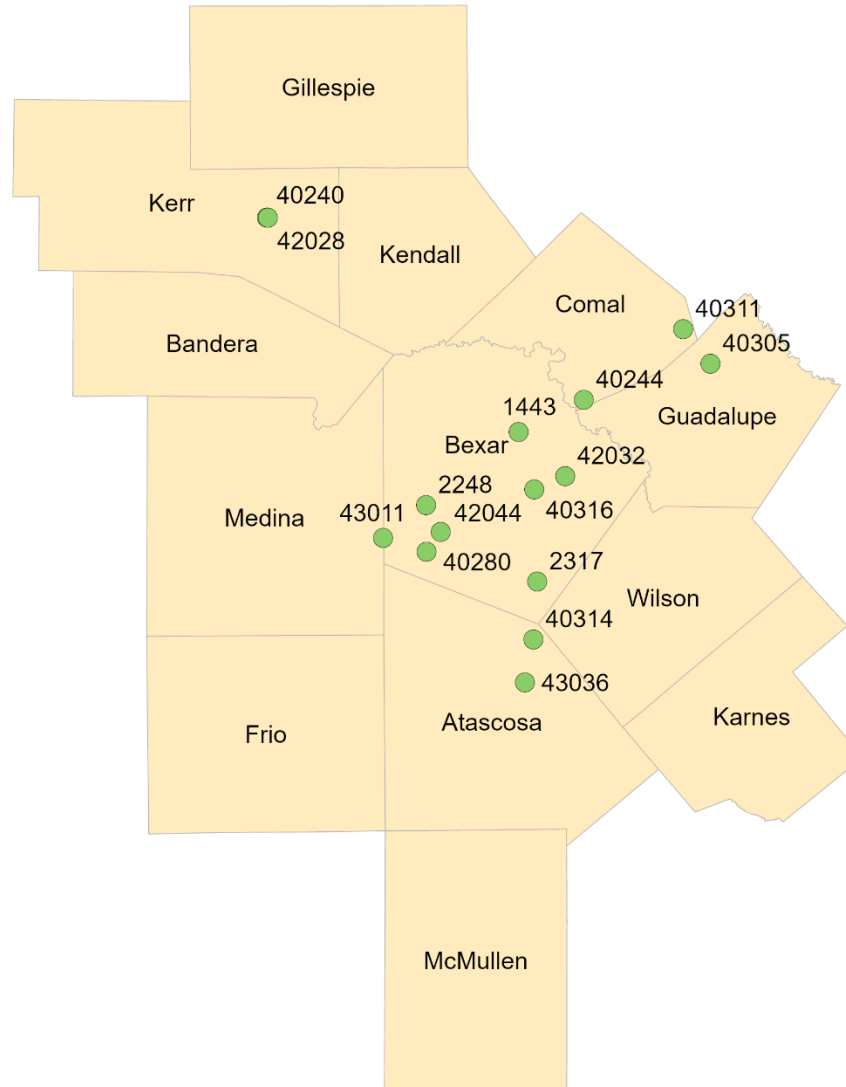
**COG 17: Golden Crescent Regional Planning Commission—Processing Facility Locations**



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

COG	Permit or Registration	Site Name	County	Type	2022 Tons
17	40017	City of Yoakum Transfer Station	Dewitt	5TS	33,040
17	2181	Jackson County Transfer Station	Jackson	5TS	2,044
17	40011	City of Hallettsville Transfer Station	Lavaca	5TS	470
17	2330	Victoria Environmental Liquid Waste Processing Facility	Victoria	5GG	23,362
17	2366	Victoria Regional WWTP Grit Trap Waste Processing Facility	Victoria	5GG	639
17	42034	Victoria Compost Facility	Victoria	5RC	18,473

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



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

<b>COG</b>	<b>Permit or Registration</b>	<b>Site Name</b>	<b>County</b>	<b>Type</b>	<b>2022 Tons</b>
18	40314	Terrabella Environmental Services Medical Waste Transfer Station	Atascosa	5MWTS	40
18	43036	CLC Services Liquid Waste Transfer Station	Atascosa	5TL	15
18	1443	City of San Antonio Starcrest Transfer Station	Bexar	5TS	117,446
18	2248	Liquid Environmental Solutions of Texas San Antonio Liquid Waste Processing Facility	Bexar	5GG	37,004
18	2317	SouthWaste Disposal San Antonio Compost Facility	Bexar	5RC	31,321
18	40280	Stericycle San Antonio Medical Waste Transfer Station	Bexar	5MWTS	3,833
18	40316	7250 FM 1346 Medical Waste Processing Facility	Bexar	5MW	139
18	42032	New Earth San Antonio Compost Facility	Bexar	5RC	180,472
18	42044	Nelson Road Compost Facility	Bexar	5RC	59,820
18	40244	Medsharps Schertz Medical Waste Processing Facility	Comal	5AC	8,231
18	40311	Sharps Environmental Services Medical Waste Transfer Station	Comal	5MWTS	41
18	40305	Texas Decon Medical Waste Processing Facility	Guadalupe	5MW	118
18	40240	City of Kerrville Transfer Station	Kerr	5TS	80,449
18	42028	City of Kerrville Compost Facility	Kerr	5RC	9,116
18	43011	LaCoste Waste Water Treatment Plant	Medina	5GG	41,588

**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	2022 Tons
19	40103	Jim Hogg County Transfer Station	Jim Hogg	5TS	8,600
19	40238	Starr County Transfer Station	Starr	5TS	28,573

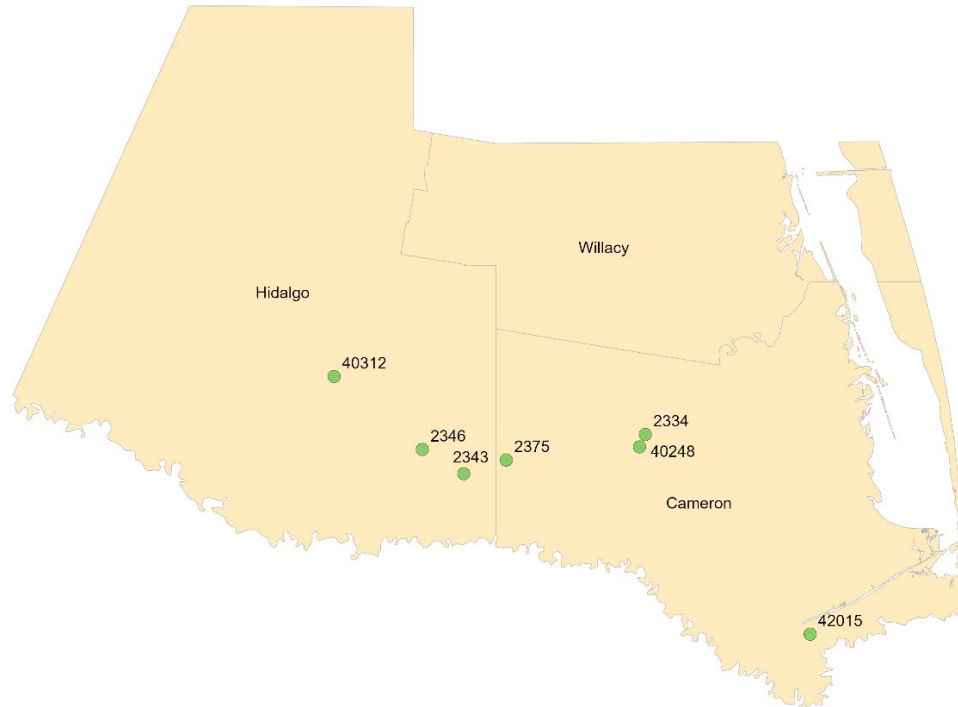
**COG 20: Coastal Bend Council of Governments—Processing Facility Locations**



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

COG	Permit or Registration	Site Name	County	Type	2022 Tons
20	40027	Aransas County Transfer Station	Aransas	5TS	4,337
20	40228	JC Elliott Transfer Station	Nueces	5TS	98,553
20	40270	Envirotech Waste Solutions Medical Waste Processing Facility	Nueces	5MW	92
20	40298	Premier Bio Waste Solutions Medical Waste Processing Facility	Nueces	5MW	140
20	2319	Texas Sludge Disposal Compost Facility	San Patricio	5RC	14,268

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

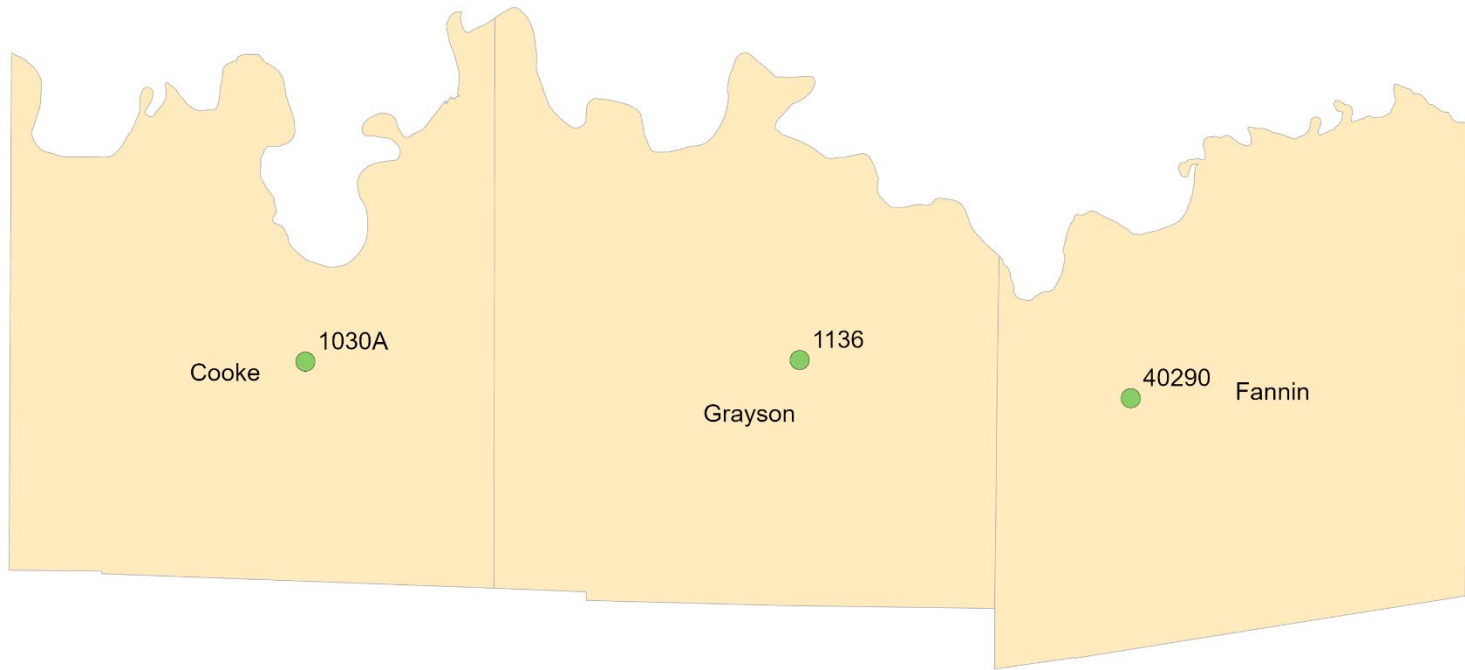


**COG 21: Lower Rio Grande Valley Development Council—List of Processing Facilities**

COG	Permit or Registration	Site Name	County	Type	2022 Tons
21	2334	Stericycle Harlingen Medical Waste Processing Facility	Cameron	5MW	2,826
21	2375	La Feria Transfer Station	Cameron	5TS	148,229
21	40248	City of Harlingen Transfer Station	Cameron	5TS	74,185
21	42015	City of Brownsville Compost Facility	Cameron	5RC	16,184
21	2343	Valley Dewatering Liquid Waste Processing Facility	Hidalgo	5GG	26,615
21	2346	Liquid Environmental Solutions of Texas Weslaco Liquid Waste Processing Facility	Hidalgo	5GG	19,321
21	40312	Terrabella Environmental Services Medical Waste Transfer Station	Hidalgo	5MWTS	26



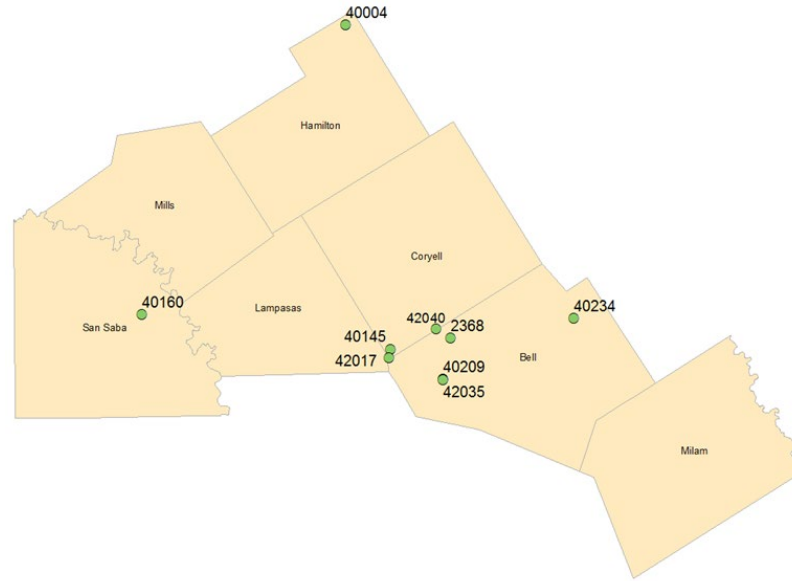
**COG 22: Texoma Council of Governments—Processing Facility Locations**



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

COG	Permit or Registration	Site Name	County	Type	2022 Tons
22	1030A	City of Gainesville Transfer Station	Cooke	5TS	33,720
22	40290	Fannin County Transfer Station	Fannin	5TS	26,397
22	1136	City of Sherman Transfer Station	Grayson	5TS	25,190

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

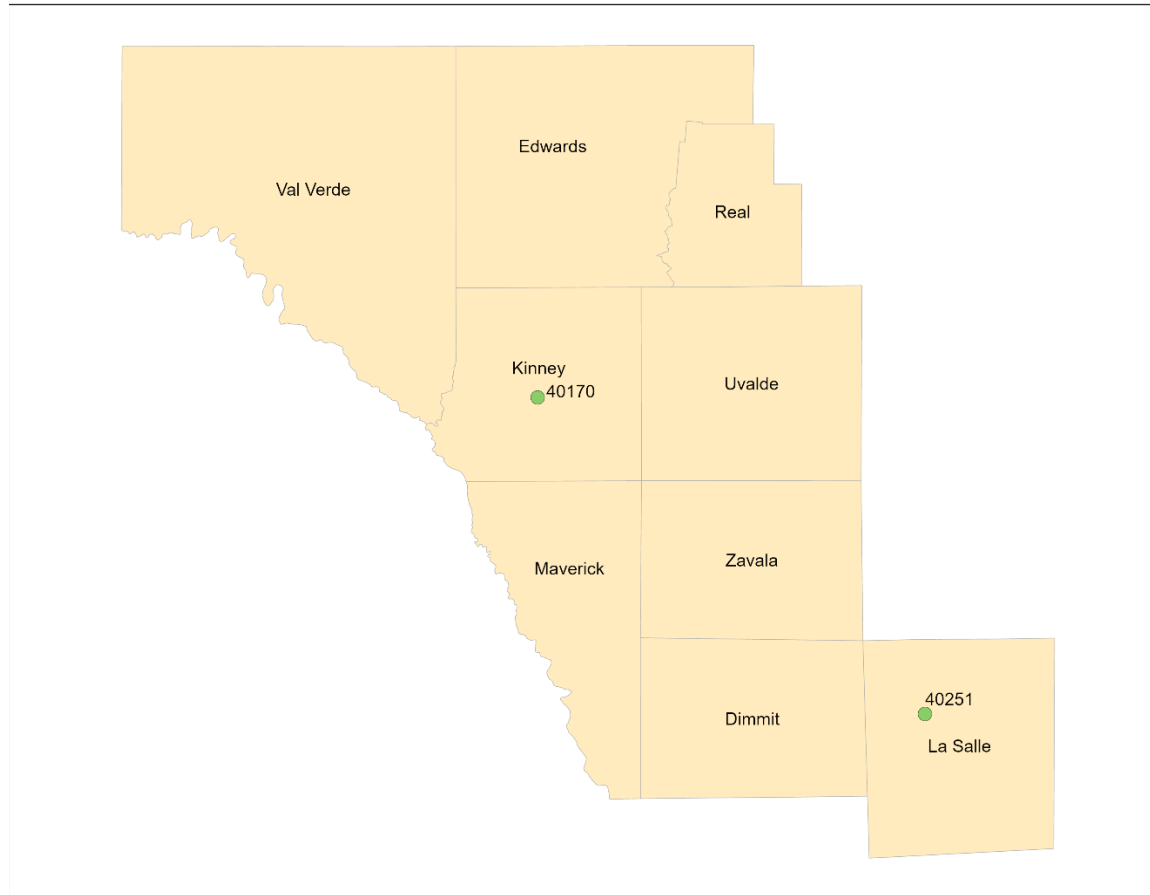


**COG 23: Central Texas Council of Governments—List of Processing Facilities**

COG	Permit or Registration	Site Name	County	Type	2022 Tons
23	2368	S & M Vacuum & Liquid Waste Processing Facility	Bell	5GG	3,877
23	40209	Killeen Transfer Station	Bell	5TS	127,178
23	40234	Stericycle Temple Medical Waste Transfer Station	Bell	5MWTS	751
23	42035	Bell County WCID 1 Regional Compost Facility	Bell	5RC	7,410
23	40145	City of Copperas Cove Transfer Station	Coryell	5TS	30,731
23	42017	City of Copperas Cove Compost Facility <sup>15</sup>	Coryell	5RC	1,373
23	42040	Fort Hood Biotreatment Facility	Coryell	5TS	233
23	40004	City of Hico Transfer Station	Hamilton	5TS	41
23	40160	City of San Saba Transfer Station	San Saba	5TS	4,137

<sup>15</sup> Facility reported chipping of brush for mulch only; no composting occurred on-site in 2022.

**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	2022 Tons
24	40170	City of Brackettville Transfer Station	Kinney	5TS	2,226
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 2022. 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](#)<sup>16</sup>:

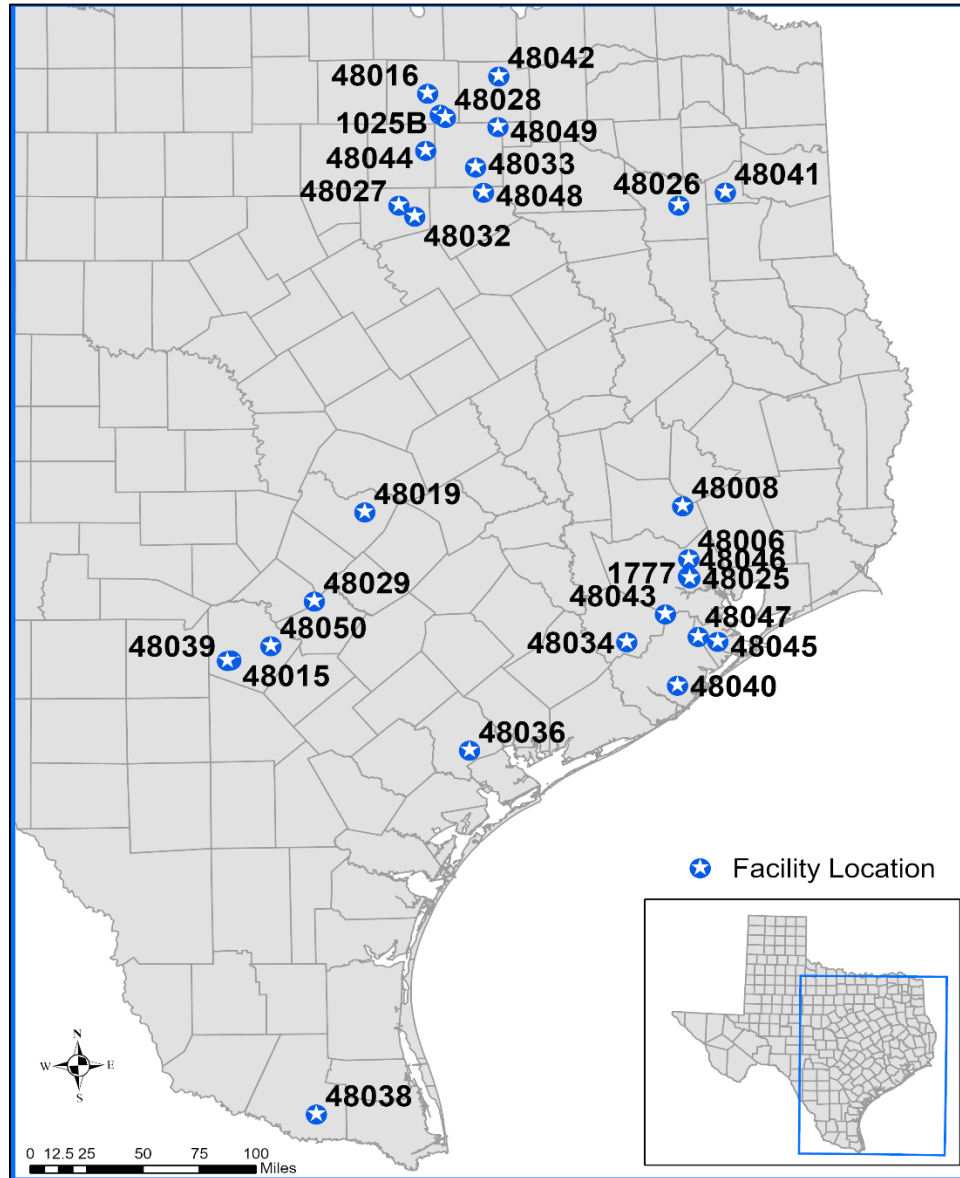
- On the *Central Registry Query—Additional ID Search* page, enter an MSW processing facility permit number, including any amendment letter (e.g., 1355A), or registration number (e.g., 40132) in the *Program ID* field, and click on the Search button.
- On the *ID Search Results List* page, select the “Municipal Solid Waste Processing” ID Number in the table.
- 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 <sup>3</sup> )	Estimated standard cubic feet (ft <sup>3</sup> ) of gas processed at the facility
Gas Distributed Off-site (ft <sup>3</sup> )	Estimated standard cubic feet (ft <sup>3</sup> ) 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

<sup>16</sup> [www.tceq.texas.gov/goto/cr-searchid](http://www.tceq.texas.gov/goto/cr-searchid)

### Locations of Facilities Recovering Landfill Gas for Beneficial Use (2022)



**List of Facilities Recovering Landfill Gas for Beneficial Use (2022)**

COG	Permit or Registration	Site Name	County	Landfill	Gas Processed (ft <sup>3</sup> )	Gas Distributed Off-site (ft <sup>3</sup> )	Power Generated and Sold (kWh)	Power Generated and Used On-site (kWh)
4	48042	121 RDF Landfill Gas Treatment Facility	Collin	2294	3,356,672,053	1,637,401,000	0	0
4	48033	McCommas Bluff Landfill Gas Processing Facility	Dallas	62	4,452,428,300	2,035,206,000	0	0
4	48048	Waste Management Skyline Renewable Natural Gas Facility	Dallas and Ellis	42D	2,440,648,000	1,204,876,000	0	0
4	48049	Garland Renewable Natural Gas Processing Facility	Dallas	1895A	1,706,567,366	832,066,000	0	0
4	1025B	DFW Recycling and Disposal Landfill Gas to Energy Facility	Denton	1025B	2,191,709,000	0	78,461,216	0
4	48016	City of Denton Landfill Gas to Energy Facility	Denton	1590B	459,432,334	0	0	0
4	48028	Camelot Landfill Gas to Energy Facility	Denton	1312B	0	0	23,072,451	709,004
4	48032	Turkey Creek Landfill Gas Treatment Facility	Johnson	1417C	1,244,008,753	606,833,000	0	0
4	48027	Westside Landfill Gas to Electric Facility	Tarrant	1019A	332,628,000	0	15,887,514	0
4	48044	City of Arlington Landfill Gas Processing Plant	Tarrant	358B	1,206,683,136	591,204,413	0	0
6	48041	Pinehill Landfill Gas Treatment Facility	Gregg	1327B	661,219,300	322,546,000	0	0
6	48026	Greenwood Farms Landfill Gas Treatment Facility	Smith	1972A	768,136,892	374,700,923	0	0
12	48019	Austin Community Landfill Power Station	Travis	249D	1,554,773,000	0	26,349,292	1,527,128

COG	Permit or Registration	Site Name	County	Landfill	Gas Processed (ft <sup>3</sup> )	Gas Distributed Off-site (ft <sup>3</sup> )	Power Generated and Sold (kWh)	Power Generated and Used On-site (kWh)
16	48040	Seabreeze Landfill Gas Treatment Facility	Brazoria	1539C	718,163,855	344,449,339	0	0
16	48034	Fort Bend Landfill Gas Treatment Facility	Fort Bend	2270	1,147,726,038	599,432,545	0	0
16	48043	Blue Ridge Landfill Gas Treatment Facility	Fort Bend	1505A	4,681,557,460	2,647,668,418	0	0
16	48045	Galveston Renewable Natural Gas Facility	Galveston	1149B	862,768,800	467,585,466	0	0
16	48047	Coastal Plains Renewable Energy Plant	Galveston	1721A	557,876,112	129,431,934	0	0
16	1777	McCarty Road Landfill Gas Recovery Facility	Harris	261B	1,564,682,400	857,775,000	0	0
16	48006	Humble Renewable Energy Plant	Harris	1307D	2,845,259,262	1,136,880,655	0	0
16	48025	Ameresco McCarty Energy Landfill Gas Treatment Facility <sup>17</sup>	Harris	261B	0	0	0	0
16	48046	Ameresco McCarty Road Renewable Natural Gas Facility	Harris	261B	457,752,702	457,752,702	0	0
16	48008	Security Landfill Gas to Energy Facility	Montgomery	1752B	0	0	6,133,568	5,573,272
17	48036	City of Victoria Landfill Gas Treatment Facility	Victoria	1522A	451,389,600	451,389,600	0	0
18	48015	Covel Gardens Landfill Gas Power Station	Bexar	2093B	1,052,897,058	0	38,475,535	2,436,744

<sup>17</sup> 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 2022 is reported under Registration No. 48046.



COG	Permit or Registration	Site Name	County	Landfill	Gas Processed (ft <sup>3</sup> )	Gas Distributed Off-site (ft <sup>3</sup> )	Power Generated and Sold (kWh)	Power Generated and Used On-site (kWh)
18	48039	Nelson Gardens Landfill Gas to Energy Facility	Bexar	1237	314,718,000	0	10,781,435	38,073
18	48050	Tessman Road Landfill Gas Power Station	Bexar	1410C	245,904,066	26,888,235	0	0
18	48029	Mesquite Creek Landfill Gas to Energy Facility	Comal	66B	801,985,000	0	20,903,763	718,398
21	48038	Edinburg Landfill Gas Treatment Facility	Hidalgo	956C	1,316,430,050	642,161,000	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	Non-regulated 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.
Septage	The liquid and solid material pumped from a septic tank, cesspool, or similar sewage treatment system.

<b>Waste or Material Type</b>	<b>Description</b>
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 2022 in this annual summary are related to fiscal year 2022 (Sept. 1, 2021, through Aug. 31, 2022).

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 the 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 200 active landfills and 220 active processing facilities. Reported data were reviewed; and discrepancies 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, 2022](#)<sup>18</sup>.

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<sup>18</sup> [www.census.gov/data/tables/time-series/demo/popest/2020s-counties-total.html](http://www.census.gov/data/tables/time-series/demo/popest/2020s-counties-total.html)