



October 2009  
AS-187/09

# Municipal Solid Waste in Texas: A Year in Review

## FY 2008 Data Summary and Analysis



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Prepared by  
Waste Permits Division

AS-187/09  
October 2009



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# ABOUT THE MUNICIPAL SOLID WASTE REPORTING PROGRAM

## Definition of Municipal Solid Waste

The definition of municipal solid waste (MSW) is found in Title 30 of the Texas Administrative Code (30 TAC), Chapter 330, Subchapter A (General Information). MSW is defined as "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." Industrial solid waste is defined and regulated under 30 TAC Chapter 335.

The Texas definition of municipal solid waste considers the source, rather than the constituents or properties of the waste. Distributors, retailers, repair services and the general public are considered municipal generators while manufacturers are considered industrial solid waste generators. As an example, a power distribution provider is a municipal solid waste generator while an electric power generation plant would be an industrial waste generator.

It is worth noting that the Texas definition of municipal solid waste is more encompassing than that of the US Environmental Protection Agency (US EPA) and several other states. While the US EPA definition does not include construction and demolition (C&D) debris and municipal sludge, the Texas definition does include these. Based on the Texas definition, the per capita municipal solid waste disposal and generation rates for Texas may appear to be higher than those of other states.

The US EPA and most states, including Texas, define municipal solid waste in terms of hazardous or non-hazardous. Texas also defines industrial solid wastes as being separate and distinct from MSW. In Texas, industrial solid waste may also be defined as hazardous or non-hazardous, with the non-hazardous industrial solid waste further defined by classes.

- Class 1 industrial non-hazardous waste includes waste that, based on its constituents and properties, may pose a substantial danger to human health or the environment if not properly managed. There are special handling requirements for Class 1 wastes. An example of Class 1 waste is solidified industrial sludges containing metals or organics.
- Class 2 is a category for industrial solid waste that cannot be described as hazardous, Class 1, or Class 3. Examples of Class 2 wastes include waste activated sludge from industrial biological wastewater treatment and regular trash from plant offices.
- Class 3 wastes are inert and essentially insoluble industrial solid wastes

that are not readily decomposable. Examples of Class 3 wastes include materials such as demolition debris and bricks from an industrial facility that are insoluble, do not react with other materials, and do not decompose.

The acceptance of non-hazardous industrial solid waste at municipal solid waste landfills requires prior written authorization from the TCEQ. A general authorization is included in the state regulations for the acceptance of Class 2 and 3 industrial wastes, and these wastes are often accepted at MSW landfills. The acceptance of Class 1 non-hazardous industrial solid waste at MSW landfills requires that the landfill construct a special unit for disposal and have written authorization within their permit.

Additional terms that are used in this report include:

- Residential waste which is waste generated in single and multi-family homes, including newspapers, clothing, disposable tableware, food packaging, cans, bottles, food scraps, and yard trimmings other than those that are diverted to backyard composting.
- Commercial waste which is all solid waste generated by business establishments such as stores, markets, office buildings, restaurants, shopping centers, and theaters; and construction and demolition (C&D) waste which is waste building materials, dredging materials, tree stumps, and rubble resulting from for-hire construction, remodeling, repair, and demolition of homes, commercial buildings and other structures and pavements. C&D waste may contain lead, asbestos, or other hazardous substances.

## Who Files Reports

This report includes data submitted to the agency by both permitted and registered solid waste facilities. The data is obtained by the TCEQ Executive Director under the authority of 30 TAC 330, Subchapter P (Fees and Reporting) which requires all registered or permitted facility operators to report the types and amounts of waste processed or disposed of at the facility or process location.



## Reporting Period

Reports from MSW facilities are based on the Texas state fiscal year, which runs from September 1 through August 31. All references to 2008 are to fiscal year 2008. This report covers data from September 1, 2007 through August 31, 2008.

## Data Used

The data in this summary is condensed from reports submitted by 262 landfills and 45 other permitted MSW facilities in 2008. Other permitted facility types include transfer stations and resource recovery (recycling, composting, etc.) facilities. Data was also received from 51 registered facilities, mostly small transfer stations that do not require a permit. However, this report is focused mainly on permitted facilities.

Facility operators report information about different aspects of the facility, such as operational information (e.g., what is the average haul distance to their facility), administrative information (e.g., who is operating the facility), and facility activities (e.g., amounts and types of waste accepted at the facility).

Texas statute allows an open but inactive landfill to reactivate and accept waste, under certain circumstances. All open facilities are held to the requirements of their permit, regardless of their operational state.

In accordance with 30 TAC §39.510, if a permitted municipal solid waste facility has not begun accepting waste within six months of permit issuance or if the facility becomes inactive for six months, the owner or operator must post signs at the site specifying the facility's status. Additionally, if the period that the facility does not accept waste is extended to two years within permit issuance or it has ceased accepting waste for two consecutive years, the owner or operator must provide notice to the executive director, publish newspaper notice, and provide mailed notice stating their intent to either operate the facility in the future or to request revocation of their permit to operate the facility.

For registered municipal solid waste facilities that do not commence physical construction within two years of registration issuance, their registration is automatically terminated.

In addition, population data for this report was obtained from the US Census Bureau, state population estimates for March 22, 2008, found at <http://www.census.gov>.

# LANDFILLS REPORTING

There are 280 permitted landfills in Texas. Only 262 MSW landfills provided data for 2008. Of the 262 landfills, 191 were active (accepting waste) and 35 inactive (new permit, not constructed or not accepting waste). Table 1 provides the status of the landfills that submitted reports. Of the inactive landfills, 21 had previously accepted waste and 14 had not yet received waste. The remaining 36 landfills reporting were in post-closure care status.

**Table 1. Landfill Activity Status in 2008**

<i>Activity Status</i>	<i>Count</i>
Active	191
Inactive – yet to receive waste	14
Inactive – previously received waste	21
Post-closure care	36
<b>Total</b>	<b>262</b>

## CLASSIFICATION OF MSW FACILITIES

The TCEQ has classified all MSW facilities according to the method of processing or disposal of MSW.

### Landfills

**Type I facilities.** A Type I landfill is the standard landfill for the disposal of municipal solid waste. Of the 191 active landfills reporting, 100 were permitted as Type I.

**Type IV facilities.** A Type IV landfill accepts only brush, construction and demolition (C&D) debris, and other similar waste that will not putrefy. Type IV facilities are not distributed equally across the state; nearly half are located in the greater Houston area. Type IV landfills handled 10 percent of the total waste disposed in landfills and accounted for 4.6 percent of the total statewide capacity remaining in 2008. Of the 191 active landfills reporting, 23 (12 percent) were permitted as Type IV.

**Arid exemption (AE) facilities.** Type I and Type IV landfills in relatively dry parts of the state that are operated by government entities may be permitted as arid-exempt landfills. Arid exempt landfills are limited in the amount of solid waste they may accept and they are exempt from liner and groundwater monitoring requirements.<sup>1</sup> In 2008, 68 facilities (36 percent of active, reporting facilities) had an arid exemption. Of these, 49 are Type I AE and 19 are Type IV AE. All arid exempt facilities accounted for just over 1.4 percent of the total

municipal solid waste disposal and 1.3 percent of the total remaining landfill capacity in the state in 2008.

## Processing Facilities

Separate permitted and registered solid waste processing facilities (i.e., not landfills) are classified as Type V facilities with several sub-types as indicated in Table 2 or as Type IX facilities. Type V facilities include processing plants that transfer, incinerate, shred, grind, bale, compost, salvage, separate, dewater, reclaim, and/or provide other processing of solid waste. A closed disposal facility, an inactive portion of a disposal facility, or an active disposal facility may be used for materials extraction for energy and material recovery under a Type V authorization. A Type IX facility is an energy, material, or gas recovery for beneficial use facility, or a landfill mining facility located within or adjacent to a landfill. Processing facilities may be authorized by permit. However, some facilities qualify for authorization by registration if they meet specific requirements identified by statute and rule. An example of a facility that would qualify for a registration is a transfer station that includes a material recovery operation that recovers at least 10% by weight of the incoming stream for reuse or recycling.

### Transfer stations (5TS)

Permitted transfer stations handled 2.44 million tons of waste. Registered transfer stations handled 1.21 million tons.

### Waste incinerators (5WI)

Permitted waste incinerators processed 8,827 tons of waste. There are no registered waste incinerators.

### Waste-to-energy (5SG)

Permitted waste to energy facilities recovered energy from 24,837 tons of waste. There are no registered waste-to-energy facilities.

### Liquid waste processors

(5GG) Permitted liquid processors treated 142 million gallons of grease, grit, septage, and other liquid wastes. Registered liquid waste processors treated 17.2 million gallons.

Facility Type	Active Permitted Facilities	Active Registered Facilities
<b>5TS</b>	24	32
<b>5WI</b>	3	--
<b>5SG</b>	1	--
<b>5GG</b>	8	3
<b>5RC</b>	4	5
<b>5RR</b>	0	3
<b>5AC</b>	4	<b>0</b>
<b>5TL</b>	<b>0</b>	3
<b>9GR</b>	1	5

**Table 2. Number of MSW Processing Facilities in the State**

**Composting (5RC)** Permitted composting facilities in the state processed 4.31 million tons of compostable material. In addition to these, there are 5 registered composting facilities that processed 47,805 tons of compostable material. The majority of composting facilities are exempt from permitting or registration requirements under the MSW regulations, are not required to report, and are therefore outside the scope of this report.

**Recycling and recovery (5RR)** Registered recycling and recovery facilities recovered 83,471 tons of recyclable material that otherwise would have been disposed of at a landfill. The majority of recycling facilities are exempt from permitting or registration requirements under the MSW regulations, are not required to report, and are therefore outside the scope of this report.

**Autoclave (5AC)** – Permitted medical waste autoclaves processed 33,762 tons of waste.

**Liquid Transfer (5TL)** – Registered liquid transfer stations transferred 2.61 million gallons of waste.

**Gas recovery (9GR)** – Landfill gas was recovered at one permitted processing facility, which collected 2.69 million cubic feet of gas for beneficial use. The five registered facilities recovered 2.65 billion cubic feet. Of these, three registered landfills recovered landfill gas for local use which totaled 2.60 million cubic feet of methane gas. Altogether, the recovered gas was used to generate 2.60 million kilowatt-hours of electricity for on-site facility use and 125.61 billion kilowatt-hours for sale or off-site use.

## Other Information

**Use of scales.** The majority of active landfills in Texas (72 percent) used scales to measure all or some of their incoming waste. Facilities using scales accepted about 93 percent of the total waste stream disposed. Facilities without scales (as well as many facilities with scales) reported waste disposal by volume (i.e., cubic yards) which was then converted to tons for this report.

**Texas Solid Waste Disposal Fee.** As defined in Title 5 (Sanitation and Environmental Quality) §361.013(a) of the TEXAS HEALTH AND SAFETY CODE,

“...the commission shall charge a fee on all solid waste that is disposed of within this state. The fee is \$1.25 per ton received for disposal at a municipal solid waste landfill if the solid waste is measured by weight. If the solid waste is measured by volume, the fee for compacted solid waste is 40 cents per cubic yard or, for uncompacted solid waste, 25 cents per cubic yard received for disposal at a municipal solid waste landfill.”

Landfill operators collect this Texas solid waste disposal fee as part of the tipping fee that they charge to their customers. The average tipping fees detailed below include this state fee.

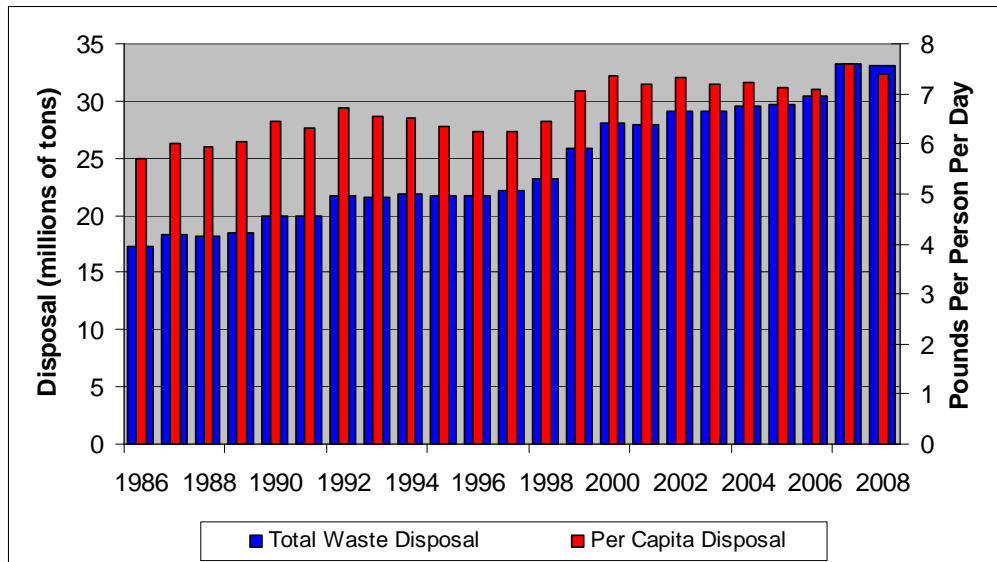
**Tipping fees.** Landfills charge their customers a tipping (disposal) fee based on weight or volume depending upon the type of waste and method of delivery to the landfill. For example, one landfill might measure an open roll-off dumpster by volume and measure a compactor truck by weight. Most landfill operators (138, or 72 percent of the active landfills) reported that they collected tipping fees by the ton of waste, and the state-wide reported average rate was \$27.80 per ton. Fees for waste measured in compacted cubic yards averaged \$8.14 per yard at 37 facilities (19 percent); and 71 facilities (37 percent) reported collecting fees for waste measured in uncompacted cubic yards, with an average rate of \$8.62 per yard. Some landfills use both weight and volume to measure various types of incoming waste.

## CAPACITY INFORMATION

**Per-capita rate.** For 2008, total disposal in the state was 33.08 million tons. Using the state population estimate of 24,326,974,<sup>ii</sup> the per-capita landfill disposal rate for Texas for 2008 was 7.4 pounds per person per day.

The 2008 Texas per-capita disposal rate of 7.4 tons per person per day was less than the 2007 rate of 7.6. Although the amount of residential and C&D waste disposed increased, there was a greater than one million ton decrease in the amount of commercial waste disposed. The decrease in commercial waste disposal may be a result of the economic downturn and it may rebound in the future. The population increased by approximately 2% or an estimated 422,594 persons. The limited population increase coupled with the decrease in commercial waste disposal resulted in a lower per capita disposal rate. See Figure 1 for a graphic representation of disposal amounts and per capita rates over time.

**Figure 1. Texas Total and Per-Capita Landfill Disposal**



**Landfill capacity.** Total remaining landfill capacity in the state at the end of 2008 was 2.17 billion cubic yards. Based on reported compaction rates, this volume would hold 1.4 billion tons of waste and serve for 44 years. Table 3 details remaining capacity for Type I and Type IV landfills. Throughout this report, all estimates of remaining years presume that no new landfill expansions or new permits will be issued and that the 2008 population and disposal amounts will remain constant.

**Table 3. Remaining Capacity by Facility Type**

Facility Type	2008 Tons Disposed	2008 Tons Remaining	Years Capacity Remaining*
I and IAE	29,788,625	1,370,067,295	46
IV and IVAE	3,289,571	69,553,801	21
all types	33,078,196	1,439,621,096	44

\* Average, assuming the 2008 disposal rate of 33.08 million tons per year

**Growth and attrition.** Statewide capacity increased in 2008, the number of active landfills increased by four. Eighteen facilities received permit amendments to expand. The resulting net capacity increased approximately 36 million tons or a 3 percent increase from the statewide 2007 capacity.

**Statewide distribution.** On a statewide basis, Texas appears to have an adequate reserve of landfill capacity in 2008. However, this capacity is not evenly distributed over every region of the state. There are 24 councils of governments (COGs) across the state, which are responsible for MSW management planning on a regional basis.<sup>iii</sup> Of the 24 COG regions; one had less than 10 years of capacity remaining: Brazos Valley Council of Governments (BVCOG). A new landfill has been permitted in the BVCOG region which, when opened, will increase the remaining capacity to over 30 years. Three other COG regions have from 10 to 20 years of capacity remaining: Capital Area Planning Council (CAPCO), Houston-Galveston Area Council (HGAC), and South Texas Development Council (STDC). See Table 4 on Page 9 for further capacity details for each COG. See Figure 2 on Page 10 for a map of the COG regions.

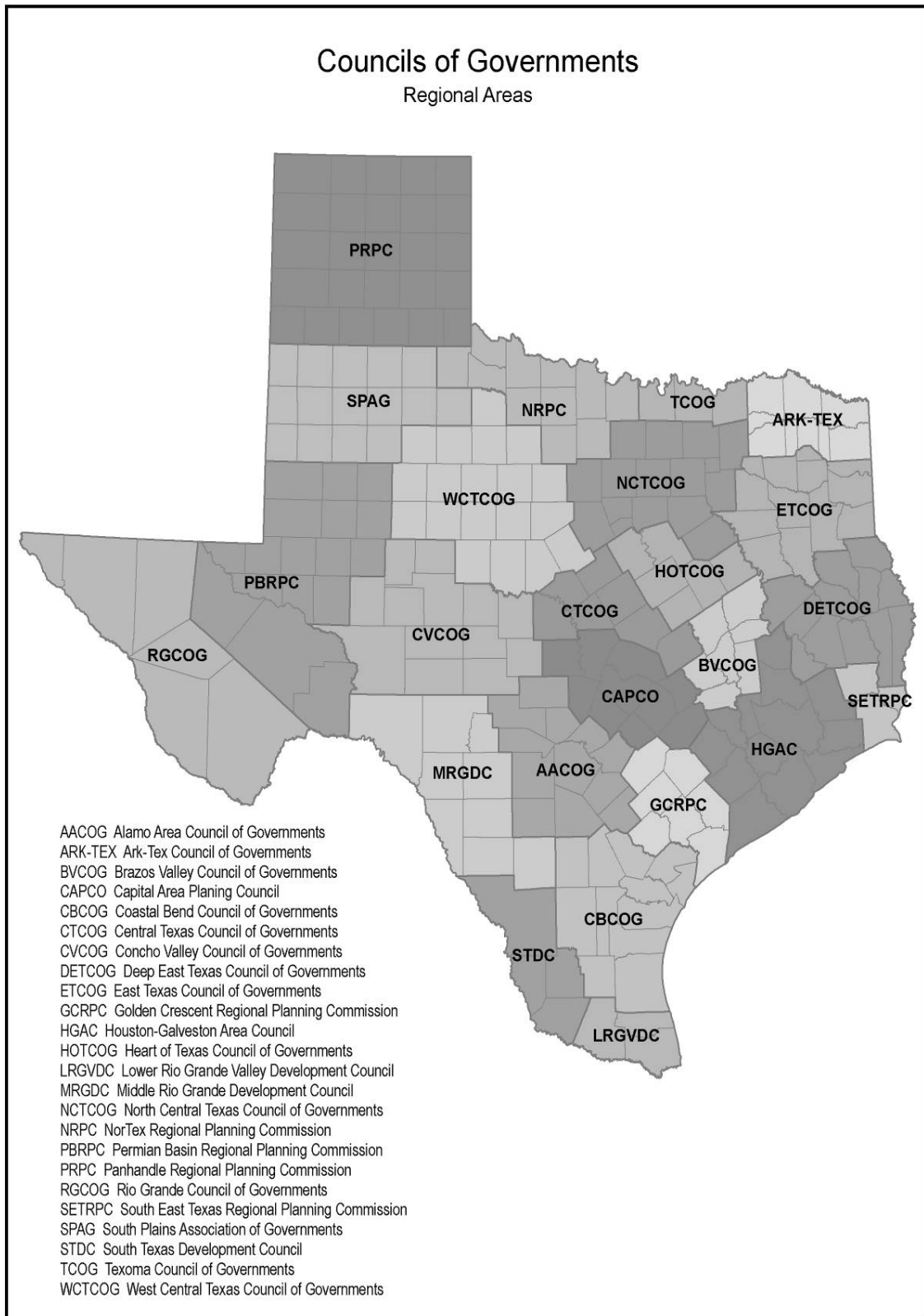
**Table 4. Analysis of MSW Landfill Disposal in Texas in 2008, Grouped by COG**

\*Pounds per person per day

COG	Active MSW Landfills		2008 Disposal				Remaining Capacity		
	Count	% of Total	Tons	% of Total	Population	Per Cap*	Tons	% of Total	Years **
1 PRPC	20	10.47	564,093	1.71	413,019	7.48	40,987,758	2.85	73
2 SPAG	18	9.42	442,153	1.34	391,453	6.19	17,727,210	1.23	40
3 NRPC	2	1.05	369,410	1.12	217,897	9.29	55,518,685	3.86	150
4 NCTCOG	22	11.52	9,017,583	27.26	6,465,875	7.64	359,659,240	24.98	40
5 ARK-TEX	4	2.09	351,942	1.06	276,779	6.97	29,590,279	2.06	84
6 ETCOG	5	2.62	703,352	2.13	805,746	4.78	123,574,042	8.58	176
7 WCTCOG	8	4.19	380,138	1.15	317,527	6.56	95,670,567	6.65	252
8 RGCOG	8	4.19	499,936	1.51	766,703	3.57	22,159,647	1.54	44
9 PBRPC	15	7.85	570,586	1.72	395,433	7.91	47,254,267	3.28	83
10 CVCOG	10	5.24	182,834	0.55	150,282	6.67	6,351,236	.44	35
11 HOTCOG	4	2.09	1,239,031	3.75	341,625	19.87	39,134,269	2.72	32
12 CAPCO	6	3.14	2,657,617	8.03	1,763,670	8.26	31,103,032	2.16	12
13 BVCOG	1	0.52	325,033	0.98	295,805	6.02	923,564	0.06	3
14 DETCOG	4	2.09	540,492	1.63	367,440	8.06	53,921,415	3.75	100
15 SETRPC	4	2.09	694,100	2.10	378,255	10.05	28,685,671	1.96	41
16 HGAC	25	13.09	8,290,927	25.06	5,866,263	7.74	162,437,453	11.28	20
17 GCRPC	1	0.52	147,672	0.45	185,862	4.35	5,429,814	0.38	37
18 AACOG	6	3.14	3,152,508	9.53	2,134,710	8.09	171,719,060	11.93	54
19 STDC	5	2.62	407,295	1.23	318,053	7.02	4,703,099	0.33	12
20 CBCOG	8	4.19	744,847	2.25	559,249	7.30	86,483,009	6.01	116
21 LRGVDC	5	2.62	1,173,702	3.55	1,139,940	5.64	29,635,822	2.06	25
22 TCOG	2	1.05	207,884	0.63	190,440	5.98	17,615,460	1.22	85
23 CTCOG	2	1.05	327,247	0.99	422,798	4.24	6,828,671	0.47	21
24 MRGDC	6	3.14	87,816	0.27	162,150	2.97	2,507,826	0.17	29
<b>Totals</b>	<b>191</b>	<b>100</b>	<b>33,078,196</b>	<b>100</b>	<b>24,326,974</b>	<b>7.45</b>	<b>1,439,621,096</b>	<b>100</b>	<b>44</b>

\*\*Average, at 2008 disposal rate

**Figure 2. Councils of Governments**





# Waste Information

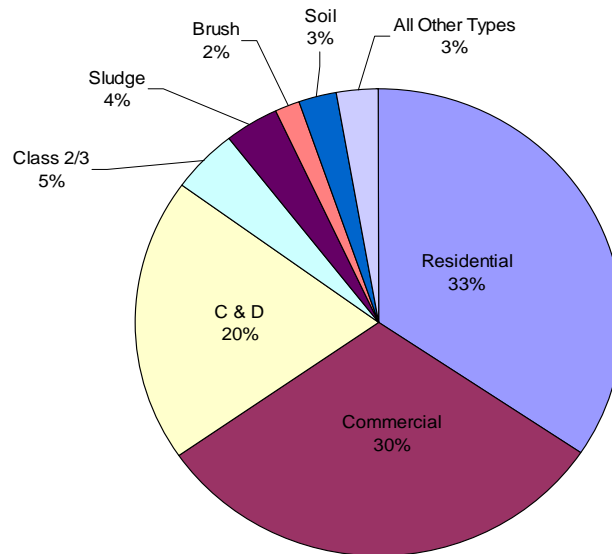
**Types of wastes.** The largest single type of waste disposed of in MSW landfills in Texas in 2008 was residential, comprising 34 percent of the total waste stream, followed by commercial waste with 31 percent of the waste stream, and construction and demolition debris (C&D) with 20 percent. These three types compose the vast majority of the waste stream – 83 percent of all the waste disposed of in the state. See Table 5 which compares the amounts of these three waste types disposed over the past five years.

**Table 5. Amounts of Residential, Commercial, and C&D Waste Disposed by Year**

Year	Residential Tons	Commercial Tons	C&D Tons
2004	10,407,185	10,260,035	5,322,424
2005	10,070,782	9,680,195	5,468,701
2006	9,998,672	9,882,398	5,655,773
2007	10,810,065	11,382,383	6,125,893
2008	11,367,722	10,252,316	6,469,039

**Figure 3. Breakdown of Waste Types Landfilled in Texas, 2008**

Note: Class 1 waste is included in "Soil" and "All Other Types" categories



**Table 6. Waste Types Disposed in Texas MSW Landfills in 2008**

Waste Type	Number of Landfills That Accepted This Waste Type	Tons Disposed	Percent of Total Tons Disposed
<b>TYPICAL MUNICIPAL SOLID WASTE</b>			
Residential	154	11,367,722	34.37
Commercial	133	10,252,316	30.99
Institutional	44	150,915	.46
Recreational	13	2,108	.01
Brush	72	524,177	1.58
Construction/ Demolition	145	6,469,039	19.56
Dump and Litter Cleanup	16	3,392	.01
<b>NON-HAZARDOUS INDUSTRIAL WASTE</b>			
Class 1 (asbestos)	11	9,097	.03
Class 1 (other)	16	240,386	.73
Classes 2 and 3	51	1,537,986	4.65
<b>SPECIAL NON-INDUSTRIAL WASTE</b>			
Incinerator ash	6	221	.01
Treated medical waste	14	28,655	.09
Asbestos	4	143,367	.43
Dead animals	76	15,200	.05
Sludge	84	1,182,655	3.58
Grease trap waste	22	28,123	.09
Grit trap waste	26	21,972	.07
Septage	47	9,433	.03
Contaminated soil	17	844,547	2.55
Tire pieces	25	26,492	.08
Rejected materials	17	29,330	.09
Other	29	191,063	.58
<b>Total</b>		<b>33,078,196</b>	<b>100</b>

# MSW IMPORTATION AND EXPORTATION

**Mexico imports.** Texas received 10,243 tons of MSW from Mexico in 2008 at five landfills, up from 10,064 tons in 2007.

**State imports.** Thirteen facilities imported 351,172 tons of MSW in 2008 from Arkansas, Louisiana, New Mexico, New York and Oklahoma. In 2007, 101,660 tons were imported from other states.

**Waste exports.** There are no requirements to track MSW exported out of Texas.

## MSW GENERATION

**US EPA definition.** The US EPA defines MSW generation as the sum of: disposal (landfilling and combustion), recycling (including composting), and the net of imports and exports.

**Texas recycling.** Since there is no reporting requirement for entities in the state that may recycle, it is difficult to obtain an accurate statewide recycling rate.

**Diversion at reporting sites.** Materials were diverted for recycling or reuse at 63 permitted facilities and 90 registered facilities in 2008, accounting for 2,634,275 tons of material that was not landfilled. In addition, over 760 thousand tons of waste was composted or recycled at authorized processing facilities in the state. Landfills are required to report the amount of waste diverted from within the facility. Recycling efforts that divert materials before reaching the gate at permitted, registered, or authorized processing facilities are not captured in this report.

## IMPACT OF RECYCLING ON MSW DISPOSAL

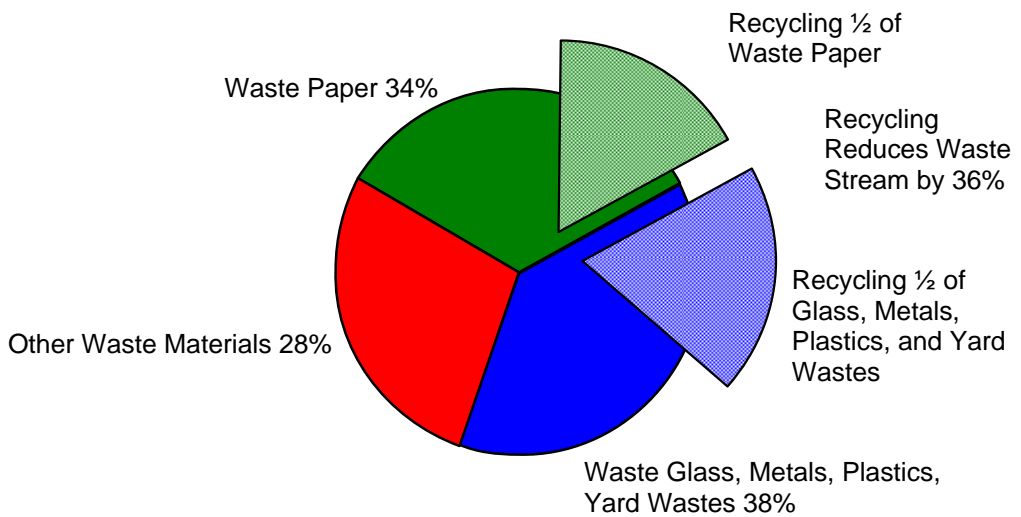
Landfill disposal is one way that MSW is managed in Texas. The incentive to minimize the need for future disposal capacity in the state can be attributed to costs associated with potential environmental impacts, engineering design, construction, and general operating expenses. These costs are passed on to citizens. Furthermore, locating, permitting, and constructing a new landfill can be major considerations in planning for additional disposal capacity.

The long-term solution to adequate landfill space is not more or larger landfills. The solution lies in the US EPA's "4 Rs" – reduce, reuse, recycle and rebuy which, when made a part of the waste management process within our communities, can reduce waste disposal and benefit the environment. In the management of waste, recycling alone can have a measurable impact on the amount disposed.

Throughout the state, paper, glass, aluminum cans, plastic, scrap metal, wood, and numerous other items are recycled every day. Citizens may choose reusable items over disposable items. New programs are developed every year that increase the impact that reducing, reusing, and recycling have on preserving disposal capacity. Figure 4 details the dramatic impact that can be achieved by recycling just one half of the available recyclables in household garbage.

**Figure 4. Potential Reduction in Amounts Disposed**

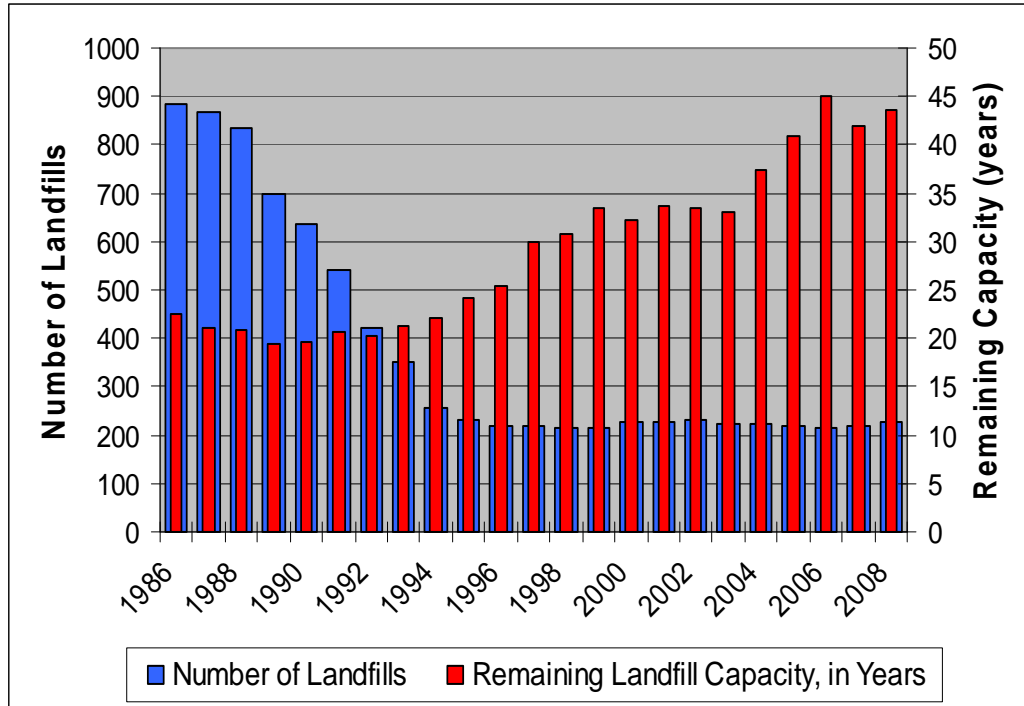
Source data: USEPA 2004 national averages for percentages of generated household wastes



## TRENDS ANALYSES

**Landfill closures.** There have been over 700 MSW landfill closures in Texas since 1986, most due to the more stringent requirements of the Federal Resource Conservation and Recovery Act (RCRA) Subtitle D. However, since the late 1990s this decreasing trend has changed, leveling out at about 226 permitted facilities. Even with fewer landfills in the state, capacity has grown significantly in the past ten years. This indicates a continued move away from smaller community landfills and towards larger regional landfills. This trend is represented in Figure 5 which depicts permitted landfills reporting, excluding those in post closure care.

**Figure 5. Number of Permitted Landfills and Remaining Capacity**



**Capacity reserve.** From 1986 to the mid-1990s, the state's reserve capacity for disposal was less than 22 years. The reserves have shown a steady increase since that time, with the current reserve capacity for disposal at about 44 years. This increase is due in part to increases in available volume of permitted disposal capacity, and in part to improvements in landfill technology. These technological improvements have nearly doubled the average waste compaction rates over the last twenty years. In 1986 the average compaction rate was 650 pounds of waste per cubic yard; the average in 2000 was approximately 1,200 pounds per cubic yard and the rate has remained nearly constant since then. The flattening of this trend may indicate that available, affordable landfill compaction technologies have reached their peak efficiencies.

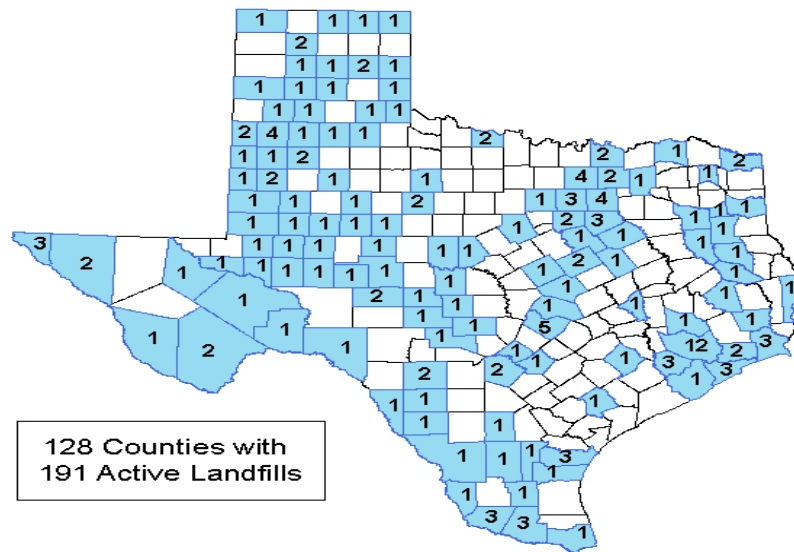
**Landfill size.** In addition to improvements in the operation of landfills, the size and service areas of landfills have continued to grow over the last decade and a half. In 1986, the state-wide average landfill size was 50 acres with an average depth of 6.5 feet and a height of 13 feet. In 2008, the state-wide average landfill size was 217 acres with an average maximum permitted depth of 34 feet and an average maximum permitted height of 85 feet. This data year, 2008, is the sixth consecutive year in which there has been an increase in the number of regional landfills with maximum heights over 100 feet (55, up from 44 in 2005 and 31 in 2000). The number of landfills with maximum permitted heights over 200 feet changed in 2008 (13, up from 12 in 2007).

**Counties served.** All active landfills reported the number of counties they served, as detailed in Table 7. Service to more than one county was provided by 124 landfills (64 percent). Figure 6 shows the number of active landfills in each Texas County.

Number of Landfills	Counties Served
65	1
82	2 – 5
27	6 – 10
7	11 – 15
5	16 – 20
5	> 20

**Figure 6. Counties with Active Landfills in 2008**

**Table 7. Number of Counties Served by Landfills**



## Historical Data Summary for MSW Landfills in Texas

Year	Waste Disposal (Tons)	State Population	Per Capita Disposal*	Number of Landfills Accepting Waste	Number of landfills Not Accepting Waste**	Remaining Capacity		
						Cubic Yards	Tons	Years
1988	18,114,295	16,668,639	5.95	750	84	1,162,374,628	3777,771,754	20.9
1989	18,531,001	16,806,521	6.04	616	83	1,111,902,033	361,368,161	19.5
1990	19,969,615	16,986,510	6.44	493	142	1,124,524,795	393,583,678	19.7
1991	19,973,622	17,349,000	6.31	405	135	1,183,699,041	414,294,664	20.7
1992	21,675,661	17,655,650	6.73	345	77	1,193,233,770	440,730,048	20.3
1993	21,517,063	18,031,484	6.54	289	62	1,205,635,627	456,161,796	21.2
1994	21,808,274	18,378,185	6.50	199	58	1,269,565,453	483,752,986	22.2
1995	21,639,678	18,723,991	6.33	191	39	1,071,520,039	523,633,365	24.2
1996	21,738,137	19,128,261	6.23	186	35	1,023,799,597	554,095,949	25.5
1997	22,094,777	19,439,337	6.23	181	37	1,169,628,669	659,694,441	29.9
1998	23,259,425	19,759,614	6.45	184	29	1,300,609,247	716,302,147	30.8
1999	25,791,066	20,044,141	7.05	179	34	1,557,349,331	862,778,821	33.4
2000	28,034,517	20,851,820	7.37	183	44	1,633,321,824	904,891,939	32.3
2001	27,938,751	21,235,018	7.18	186	42	1,710,713,869	939,383,633	33.6
2002	29,061,966	21,779,893	7.31	190	40	1,691,970,227	971,314,962	33.4
2003	29,073,315	22,118,509	7.20	184	39	1,506,807,849	963,972,887	33.1
2004	29,581,785	22,490,022	7.21	189	34	1,826,587,075	1,134,462,509	37.4
2005	29,671,151	22,859,968	7.11	186	32	1,870,868,394	1,217,845,562	41.0
2006	30,453,702	23,507,783	7.10	187	28	2,110,807,960	1,366,311,822	45.0
2007	33,183,488	23,904,380	7.61	188	28	2,158,501,232	1,403,592,411	42.2
<b>2008</b>	<b>33,078,196</b>	<b>24,326,974</b>	<b>7.45</b>	<b>191</b>	<b>35</b>	<b>2,167,272,920</b>	<b>1,439,621,096</b>	<b>44.3</b>

- using the Texas per capita definition, as defined on p. 7
- \*\* excludes landfills in Post-Closure status

# Individual MSW Landfill Facility Data

Active landfills, organized by COG Number, Facility Type, and Permit Number

All values rounded to the nearest whole number

Database codes used:

2008Tons = Total tons landfilled in 2008

RemYds = Remaining landfill capacity in cubic yards

Rate = In-landfill compaction rate in pounds per cubic yard

RemTons = Remaining landfill capacity in equivalent tons (based on landfill compaction rate)

RemYrs = Remaining landfill capacity in years (based on permit volumes and waste acceptance rate)

Individual MSW Landfill Facility Data									
COG	Permit	Site Name	County	Type	2008 Tons	RemYds	Rate	RemTons	RemYrs
<b>PANHANDLE REGIONAL PLANNING COMMISSION</b>									
01	0073	CITY OF AMARILLO LANDFILL	POTTER	1	223,987	73,441,032	800	29,376,413	102
01	0211	CITY OF DUMAS LANDFILL	MOORE	1	17,699	190,209	800	76,084	4
01	0215	CITY OF HEREFORD LANDFILL	DEAF SMITH	4AE	5,512	359,612	850	152,835	44
01	0414	ARMSTRONG COUNTY LANDFILL	ARMSTRONG	4AE	2,148	283,565	500	70,891	33
01	0445	CITY OF DIMMITT LANDFILL	CASTRO	1AE	4,438	1,285,159	750	481,935	108
01	0570	CITY OF MCLEAN LANDFILL	GRAY	1AE	730	556,407	850	236,500	15
01	0791	CAL FARLEYS BOYS RANCH LANDFILL	OLDHAM	4AE	700	149,000	400	29,800	304
01	0876	CITY OF PERRYTON LANDFILL	OCHILTREE	1AE	7,228	91,921	890	40,905	6
01	0955	CITY OF WELLINGTON LANDFILL	COLLINGSWORTH	1AE	6,409	570,090	800	228,036	36
01	1009	CITY OF TULIA LANDFILL	SWISHER	1AE	5,712	853,628	850	362,792	64
01	1038	CITY OF DALHART MUNICIPAL LANDFILL	DALLAM	1AE	10,058	484,201	785	190,049	19
01	1164	PANHANDLE LANDFILL	CARSON	1AE	2,601	766,184	400	153,237	59
01	1663	BFI SOUTHWEST AMARILLO LANDFILL	RANDALL	1	197,007	4,297,769	1386	2,978,354	15
01	1943	CITY OF BOOKER LANDFILL	LIPSCOMB	1AE	1,966	472,613	850	200,861	64
01	2238	CITY OF PAMPA LANDFILL	GRAY	1	52,571	8,372,901	1000	4,186,451	80
01	2263	CITY OF CHILDRESS LANDFILL	CHILDRESS	1AE	6,466	2,479,392	800	991,757	127
01	2266	CITY OF MEMPHIS LANDFILL	HALL	1AE	6,805	1,078,276	800	431,310	70
01	2281	CITY OF SHAMROCK	WHEELER	1AE	4,864	374,019	800	149,608	31
01	2285	CITY OF DUMAS LANDFILL	MOORE	4AE	3,748	324,532	800	129,813	35
01	2352	CITY OF SPEARMAN MSW LANDFILL	HANSFORD	1AE	3,444	1,089,275	955	520,129	151
<b>SOUTH PLAINS ASSOCIATION OF GOVERNMENTS</b>									



**Individual MSW Landfill Facility Data**

COG	Permit	Site Name	County	Type	2008 Tons	RemYds	Rate	RemTons	RemYrs
02	0069	CALICHE CANYON LANDFILL	LUBBOCK	1	31,108	1,095,185	700	383,315	15
02	0363	CITY OF AMHERST LANDFILL	LAMB	1AE	164	5,138	400	1,028	4
02	0549	CITY OF MATADOR LANDFILL	MOTLEY	1AE	4,381	630,457	800	252,182	75
02	0564	CITY OF MULESHOE LANDFILL	BAILEY	4AE	2,459	200,147	800	70,052	29
02	0583	CITY OF OLTON LANDFILL	LAMB	1AE	9,818	8,555	666	2,849	0
02	1298	CITY OF LITTLEFIELD LANDFILL	LAMB	4AE	5,805	352,373	1400	246,661	38
02	1733	CITY OF SUNDOWN LANDFILL	HOCKLEY	4AE	324	235,516	850	100,094	308
02	2157	CITY OF PLAINVIEW LANDFILL	HALE	1	28,317	10,593,016	649	3,436,163	119
02	2170	BROWNFIELD MSW LANDFILL	TERRY	1	12,417	4,572,400	900	2,057,580	189
02	2207	CITY OF FLOYDADA LANDFILL	FLOYD	1AE	7,407	963,302	830	399,770	22
02	2217	YOAKUM COUNTY LANDFILL	YOAKUM	1AE	8,886	3,343,191	800	1,337,276	149
02	2227	CITY OF POST LANDFILL	GARZA	1AE	4,730	261,126	650	84,866	17
02	2252	W TX REGIONAL DISPOSAL FACILITY	LUBBOCK	1	290,225	10,601,803	1360	7,209,226	90
02	2268	CITY OF MORTON LANDFILL	COCHRAN	4AE	150	809,738	400	161,984	190
02	2274	CITY OF LITTLEFIELD LANDFILL	LAMB	1AE	7,254	1,357,821	1400	950,475	119
02	2291	CITY OF MULESHOE LANDFILL	BAILEY	1AE	6,231	575,532	800	230,213	37
02	2293	CITY OF MEADOW LANDFILL	TERRY	1AE	14,206	903,558	800	361,423	25
02	2328	CITY OF TAHOKA LANDFILL	LYNN	1AE	8,272	1,040,125	850	442,053	61
<b>NORTEX REGIONAL PLANNING COMMISSION</b>									
03	1428	CITY OF WICHITA FALLS LANDFILL	WICHITA	1	168,681	72,816,500	1000	36,408,250	200
03	1571	IESI BUFFALO CREEK LANDFILL	WICHITA	1	200,729	30,576,695	1250	19,110,435	95
<b>NORTH CENTRAL TEXAS COUNCIL OF GOVERNEMENTS</b>									
04	0042	SKYLINE LANDFILL	ELLIS	1	1,092,649	37,961,000	1440	27,331,920	28
04	0047	IESI WEATHERFORD LANDFILL	PARKER	1	220,826	4,476,159	1350	3,021,407	14
04	0062	MCCOMMAS BLUFF LANDFILL	DALLAS	1	1,929,757	104,022,601	1488	77,405,033	40
04	0218	SOUTHEAST LANDFILL	TARRANT	1	194,601	4,591,020	1546	3,548,858	18
04	0358	ARLINGTON MUNICIPAL LANDFILL	TARRANT	1	783,204	15,841,892	1621	12,836,685	16
04	0534	CITY OF CLEBURNE LANDFILL	JOHNSON	1	1,012	33,223	1000	16,612	16
04	0568	MCKINNEY LANDFILL	COLLIN	1	133,851	1,171,490	1531	896,776	0
04	0664	STEPHENVILLE MUNICIPAL LANDFILL	ERATH	4	7,420	651,717	850	276,980	56
04	0996	CITY OF GRAND PRAIRIE LANDFILL	DALLAS	1	180,585	14,111,360	1527	9,616,892	53
04	1025	DFW LANDFILL	DENTON	1	1,423,368	19,810,000	1640	16,244,000	10

**Individual MSW Landfill Facility Data**

COG	Permit	Site Name	County	Type	2008 Tons	RemYds	Rate	RemTons	RemYrs
04	1195	REPUBLIC MALOY LANDFILL	HUNT	1	159,065	7,075,040	1121	3,965,560	25
04	1209	CSC DISPOSAL & LANDFILL	ELLIS	1	164,087	30,266,810	1701	25,741,922	157
04	1312	CAMELOT LANDFILL	DENTON	1	314,173	8,117,165	1604	6,509,966	20
04	1394	HUNTER FERRELL LANDFILL	DALLAS	1	193,257	9,140,246	1338	6,114,825	43
04	1417	TURKEY CREEK LANDFILL	JOHNSON	1	48	12,336,970	1356	8,364,466	12
04	1590	CITY OF DENTON LANDFILL	DENTON	1	131,294	12,812,756	1274	8,162,000	62
04	1745	ECD LANDFILL	ELLIS	1	45,186	40,303,943	1583	31,900,571	706
04	1749	LEWISVILLE LANDFILL	DENTON	4	316,884	23,334,225	1600	18,667,380	59
04	1895	CHARLES M HINTON LANDFILL	DALLAS	1	418,112	29,875,058	1187	17,730,847	42
04	1983	IESI FORT WORTH C&D LANDFILL	TARRANT	4	528,133	6,283,498	1400	4,398,448	8
04	2190	CORSICANA REGIONAL LANDFILL	NAVARRO	1	103,054	24,971,383	1000	12,485,692	121
04	2294	121 REGIONAL DISPOSAL LANDFILL	COLLIN	1	677,016	129,232,500	997	64,422,401	94
<b>ARK-TEX COUNCIL OF GOVERNMENTS</b>									
05	0576	NEW BOSTON LANDFILL	BOWIE	1	162,248	2,270,500	1080	1,226,000	8
05	0797	PLEASANT OAKS LANDFILL	TITUS	1	77,605	20,511,929	1766	18,112,033	233
05	1454	PARIS LANDFILL	LAMAR	1	110,212	17,383,500	1080	9,387,000	78
05	1898	AREA A LANDFILL	BOWIE	1	1,876	2,035,873	850	865,246	138
<b>EAST TEXAS COUNCIL OF GOVERNMENTS</b>									
06	0307	MUNTZ CUTOFF ROAD LANDFILL	HARRISON	4	9,390	4,621	1600	3,697	0
06	1249	IESI EAST TEXAS REGIONAL LANDFILL	RUSK	1	91,358	2,490,987	1100	1,370,043	15
06	1327	PINE HILL LANDFILL	GREGG	1	239,762	16,167,137	1910	15,439,616	64
06	1614	ROYAL OAKS LANDFILL	CHEROKEE	1	86,447	3,029,028	1796	2,720,067	32
06	1972	GREENWOOD FARMS LANDFILL	SMITH	1	276,394	107,479,978	1936	104,040,619	376
<b>WEST CENTRAL TEXAS COUNCIL OF GOVERNMENTS</b>									
07	0050	SWEETWATER LANDFILL	NOLAN	4AE	3,744	327,586	400	65,517	13
07	0420	COLORADO CITY LANDFILL	MITCHELL	1AE	2,360	3,835	700	1,342	1
07	1302	COLEMAN LANDFILL	COLEMAN	4AE	31	14,946	500	3,737	112
07	1463	CITY OF SNYDER LANDFILL	SCURRY	1	35,055	11,000,760	1000	5,500,380	150
07	1469	ABILENE REGIONAL LANDFILL	JONES	1	193,488	91,039,038	1478	67,277,849	347
07	1562	BROWNWOOD REG MSWD LANDFILL	BROWN	1	85,395	18,927,467	1100	10,410,107	117
07	1604	HASKELL MUNICIPAL LANDFILL	HASKELL	1AE	10,238	951,205	700	332,922	28
07	2325	ABILENE ENVIRONMENTAL LANDFILL	JONES	1	49,827	20,131,490	1200	12,078,714	60

**Individual MSW Landfill Facility Data**

<b>COG</b>	<b>Permit</b>	<b>Site Name</b>	<b>County</b>	<b>Type</b>	<b>2008 Tons</b>	<b>RemYds</b>	<b>Rate</b>	<b>RemTons</b>	<b>RemYrs</b>
<b>RIO GRANDE COUNCIL OF GOVERNMENTS</b>									
08	0495	DELL CITY MSW LANDFILL	HUDSPETH	1AE	1,456	454,263	666	151,270	103
08	0729	MCCOMBS LANDFILL	EL PASO	1	65	16,390,211	1005	8,236,081	11
08	0957	SIERRA BLANCA MSW LANDFILL	HUDSPETH	1AE	4,807	1,436,900	666	478,488	80
08	1276	GRAPEVINE HILLS LANDFILL	BREWSTER	1AE	418	108,226	750	40,585	18
08	1422	FORT BLISS LANDFILL	EL PASO	1	39,033	105,092	1954	102,675	3
08	1737	CITY OF PRESIDIO LANDFILL	PRESIDIO	1AE	6,163	820,255	650	266,583	43
08	2197	CITY OF ALPINE LANDFILL	BREWSTER	1AE	11,809	3,726,539	329	613,187	52
08	2284	CLINT MUNICIPAL LANDFILL	EL PASO	1	436,185	24,419,459	1005	12,270,778	22
<b>PERMIAN BASIN REGIONAL PLANNING COMMISSION</b>									
09	0039	CITY OF SEMINOLE LANDFILL	GAINES	1AE	12,346	2,672,742	550	735,004	50
09	0171	CITY OF ANDREWS LANDFILL	ANDREWS	1AE	13,958	1,170,507	850	497,465	45
09	0288	CITY OF BIG SPRING LANDFILL	HOWARD	1	34,336	847,215	1848	782,827	25
09	0427	CITY OF CRANE LANDFILL	CRANE	1AE	3,996	39,870	700	13,955	0
09	0517	LAMESA LANDFILL	DAWSON	1	18,133	1,671,913	1000	835,956	67
09	0566	CITY OF MCCAMEY LANDFILL	UPTON	4AE	1,070	1,261,119	750	472,920	300
09	0673	TERRELL COUNTY LANDFILL	TERRELL	4AE	37	33,354	300	5,003	136
09	0691	UPTON COUNTY LANDFILL	UPTON	4AE	50	95,882	400	19,176	383
09	0772	MONAHANS LANDFILL	WARD	1AE	11,495	1,239,958	650	402,986	35
09	0976	CITY OF FORT STOCKTON LANDFILL	PECOS	1AE	10,400	139,646	800	55,859	5
09	1605	CITY OF MIDLAND LANDFILL	MIDLAND	1	183,718	35,464,229	954	16,916,437	60
09	2120	CITY OF PECOS CITY LANDFILL	REEVES	1	13,455	679,937	850	288,973	21
09	2154	GLASSCOCK COUNTY LANDFILL	GLASSCOCK	1AE	405	86,933	250	10,867	25
09	2158	CHARTER WASTE LANDFILL	ECTOR	1	263,313	35,792,986	1	25,914,122	99
09	2189	CITY OF STANTON LANDFILL	MARTIN	1AE	3,875	605,433	1000	302,716	80
<b>CONCHO VALLEY COUNCIL OF GOVERNEMENTS</b>									
10	0026	CITY OF JUNCTION	KIMBLE	4AE	1,425	247,683	1000	123,841	7
10	0079	SAN ANGELO LANDFILL	TOM GREEN	1	152,691	6,352,110	1150	3,652,463	24
10	0086	BIG LAKE LANDFILL	REAGAN	1AE	4,070	1,130,887	500	282,721	94
10	0195	MASON LANDFILL	MASON	1AE	2,485	107,452	1000	53,726	22
10	0349	ELDORADO LANDFILL	SCHLEICHER	1AE	257	1,161	1500	870	1
10	0614	ROBERT LEE LANDFILL	COKE	4AE	55	26,673	850	11,336	15

**Individual MSW Landfill Facility Data**

COG	Permit	Site Name	County	Type	2008 Tons	RemYds	Rate	RemTons	RemYrs
10	1270	BARNHART LANDFILL	IRION	1AE	1,771	85,916	530	22,768	13
10	1404	CITY OF MENARD LANDFILL	MENARD	4AE	18	12,638	850	5,371	50
10	1732	CITY OF BRADY LANDFILL	MCCULLOCH	1AE	11,422	2,607,248	900	1,173,262	102
10	2264	CITY OF ELDORADO LANDFILL	SCHLEICHER	1AE	8,640	1,366,504	1500	1,024,878	90
<b>HEART OF TEXAS COUNCIL OF GOVERNMENTS</b>									
11	0241	ITASCA LANDFILL	HILL	1	797,762	34,433,243	1594	27,443,295	34
11	0948	CITY OF WACO LANDFILL 948A	MCLENNAN	1	280,887	8,441,165	1125	4,748,485	17
11	1558	MEXIA LANDFILL	LIMESTONE	1	44,929	8,130,962	1350	5,488,399	122
11	1646	LACY-LAKEVIEW LANDFILL	MCLENNAN	1	115,453	2,077,271	1400	1,454,090	12
<b>CAPITAL AREA PLANNING COUNCIL</b>									
12	0249	AUSTIN COMMUNITY LANDFILL	TRAVIS	1	453,872	3,745,507	1480	2,771,675	5
12	0360	CITY OF AUSTIN LANDFILL	TRAVIS	4	8,276	94,507	1000	47,254	2
12	1405	WILLIAMSON COUNTY LANDFILL	WILLIAMSON	1	237,497	6,310,809	1500	4,863,140	17
12	1447	BFI SUNSET FARMS LANDFILL	TRAVIS	1	825,844	2,135,873	1367	1,459,869	2
12	1841	IESI TRAVIS COUNTY C&D LANDFILL	TRAVIS	4	255,616	2,790,248	1250	1,743,905	7
12	2123	TEXAS DISPOSAL SYSTEMS LANDFILL	TRAVIS	1	876,512	29,731,160	1360	20,217,189	23
<b>BRAZOS VALLEY COUNCIL OF GOVERNMENTS</b>									
13	1444	ROCK PRAIRIE ROAD LANDFILL	BRAZOS	1	325,033	1,032,492	1789	923,564	2
<b>DEEP EAST TEXAS COUNCIL OF GOVERNMENTS</b>									
14	0720	CITY OF NACOGDOCHES LANDFILL	NACOGDOCHES	1	74,234	4,060,334	800	1,624,134	22
14	1384	POLK CNTY REG WASTE MGMT CENTER	POLK	1	117,459	9,284,417	1282	5,951,311	51
14	2105	ANGELINA CNTY WASTE MGMT CENTER	ANGELINA	1	134,201	4,790,600	1200	2,874,360	21
14	2242	NEWTON COUNTY LANDFILL	NEWTON	1	214,597	44,816,093	1940	43,471,610	50
<b>SOUTH EAST TEXAS REGIONAL PLANNING COMMISSION</b>									
15	1486	CITY OF BEAUMONT MUNICIPAL LF	JEFFERSON	1	263,638	21,150,531	1048	11,082,878	42
15	1815	CITY OF PORT ARTHUR LANDFILL	JEFFERSON	1	176,830	18,070,016	1000	9,035,008	40
15	2027	GOLDEN TRIANGLE LANDFILL	JEFFERSON	1	212,586	10,295,423	1469	7,561,988	36
15	2214	IESI HARDIN COUNTY LANDFILL	HARDIN	1	41,046	1,676,329	1200	1,005,797	25
<b>HOUSTON-GALVESTON AREA COUNCIL</b>									
16	0203	ALTAIR LANDFILL	COLORADO	1	15,690	1,185,258	1200	711,155	45
16	0261	MCCARTY ROAD LANDFILL	HARRIS	1	874,745	764,008	2261	863,711	1
16	1149	GALVESTON COUNTY LANDFILL	GALVESTON	1	344,554	4,718,227	1629	3,842,996	11

**Individual MSW Landfill Facility Data**

COG	Permit	Site Name	County	Type	2008 Tons	RemYds	Rate	RemTons	RemYrs
16	1193	WHISPERING PINES LANDFILL	HARRIS	1	516,665	10,858,745	1566	8,288,638	16
16	1301	ADDICKS-FAIRBANKS LANDFILL	HARRIS	4	51,102	1,164,683	1200	698,810	14
16	1307	ATASCOCITA LANDFILL	HARRIS	1	1,098,917	25,887,191	1480	19,156,521	17
16	1403	CASCO LANDFILL	HARRIS	4	47,589	2,301,916	900	1,035,862	22
16	1502	CHAMBERS COUNTY LANDFILL	CHAMBERS	1	22,781	513,424	850	218,205	10
16	1505	BLUE RIDGE LANDFILL	FORT BEND	1	624,316	12,888,286	1560	10,052,863	16
16	1535	BAYTOWN LANDFILL	CHAMBERS	1	258,767	12,534,103	1440	9,024,554	35
16	1539	SEABREEZE ENVIRONMENTAL LANDFILL	BRAZORIA	1	1,213,000	30,171,302	1519	22,915,104	19
16	1540	GREENSHADOW LANDFILL	HARRIS	4	103,408	3,711,382	1560	2,894,878	28
16	1565	FAIRBANKS LANDFILL	HARRIS	4	583	0	1400	0	0
16	1586	WCT/GREENBELT LANDFILL	HARRIS	4	175,722	5,279,595	1200	3,167,757	18
16	1599	GREENHOUSE ROAD LANDFILL	HARRIS	4	78,300	7,209,839	800	2,883,935	30
16	1708	DIXIE FARMS ROAD LANDFILL	BRAZORIA	4	63,363	2,548,284	880	1,121,245	20
16	1721	COASTAL PLAINS LANDFILL	GALVESTON	1	627,403	16,757,241	1540	12,903,076	27
16	1752	SECURITY LANDFILL	MONTGOMERY	1	417,110	17,061,034	1380	11,772,113	28
16	1797	SPRINT FORT BEND COUNTY LANDFILL	FORT BEND	4	272,794	19,020,573	1140	10,841,727	50
16	1849	NORTH COUNTY LANDFILL	GALVESTON	4	66,798	1,129,251	1250	705,782	7
16	1921	COUGAR LANDFILL	HARRIS	4	156,520	1,286,319	1420	913,286	6
16	2185	HAWTHORN PARK LANDFILL	HARRIS	4	216,966	3,157,788	1340	2,115,718	10
16	2240	RALSTON ROAD LANDFILL	HARRIS	4	210,061	729,543	1200	437,672	2
16	2270	FORT BEND REGIONAL LANDFILL	FORT BEND	1	500,255	46,257,338	1400	32,380,137	65
16	2304	TALL PINES LANDFILL	HARRIS	4	333,517	5,819,514	1200	3,491,708	10
<b>GOLDEN CRESENT REGIONAL PLANNING COMMISSION</b>									
17	1522	CITY OF VICTORIA LANDFILL	VICTORIA	1	147,672	8,687,702	1250	5,429,814	39
<b>ALAMO AREA COUNCIL OF GOVERNMENTS</b>									
18	0066	MESQUITE CREEK LANDFILL	COMAL	1	361,021	1,080,890	1800	972,801	2
18	1410	TESSMAN ROAD LANDFILL	BEXAR	1	1,212,229	83,198,233	1405	58,446,759	52
18	1506	CITY OF KERRVILLE LANDFILL	KERR	1	57,984	964,607	867	481,157	7
18	1848	NIDO LTD DBA BECK LANDFILL	GUADALUPE	4	254,556	8,121,100	1300	5,278,715	19
18	1995	CITY OF FREDERICKSBURG LANDFILL	GILLESPIE	1	26,967	2,103,990	1180	1,241,354	46
18	2093	COVEL GARDENS RPDF	BEXAR	1	1,239,751	116,998,082	1800	105,298,274	78
<b>SOUTH TEXAS DEVELOPMENT COUNCIL</b>									

**Individual MSW Landfill Facility Data**

COG	Permit	Site Name	County	Type	2008 Tons	RemYds	Rate	RemTons	RemYrs
19	0783	ZAPATA CNTY SAN YGNACIO LANDFILL	ZAPATA	1AE	1,970	433	600	130	1
19	0954	CITY OF ROMA LANDFILL	STARR	1AE	4,240	162,447	850	69,040	25
19	1033	CITY OF LA GRULLA LANDFILL	STARR	4	21	62,516	250	7,669	88
19	1693	CITY OF LAREDO SANITARY LANDFILL	WEBB	1	377,504	7,682,545	1200	4,609,527	12
19	1762	STARR COUNTY LANDFILL	STARR	1AE	23,560	50,249	666	16,733	1
<b>COASTAL BEND COUNCIL OF GOVERNMENTS</b>									
20	0235	CITY OF KINGSVILLE LANDFILL	KLEBERG	1	29,910	3,695,281	817	1,509,522	50
20	0262	CITY OF ALICE MSW LANDFILL	JIM WELLS	1	36,832	1,340,765	1394	934,513	25
20	0379	BROOKS COUNTY LANDFILL	BROOKS	4AE	743	304,835	400	60,967	30
20	0423	JC ELLIOTT LANDFILL	NUECES	1	84,167	273,913	1100	150,652	0
20	0571	MCMULLEN COUNTY LANDFILL	MCMULLEN	1AE	500	30,000	200	3,000	6
20	1481	DUVAL COUNTY LANDFILL	DUVAL	4AE	7,164	1,312	1000	656	0
20	2267	EL CENTRO LANDFILL	NUECES	1	225,972	16,180,447	1284	10,387,847	46
20	2269	CEFE VALENZUELA LANDFILL	NUECES	1	359,561	129,860,039	1131	73,435,852	164
<b>LOWER RIO GRANDE DEVELOPMENT COUNCIL</b>									
21	0956	EDINBURG REG SANITARY LANDFILL	HIDALGO	1	293,084	9,890,244	1070	5,291,281	18
21	1273	BROWNSVILLE SANITARY LANDFILL	CAMERON	1	273,357	30,896,506	1020	15,757,218	80
21	1727	PENITAS LANDFILL	HIDALGO	1AE	2,701	14,285	1000	7,142	2
21	1948	BFI RIO GRANDE VALLEY LANDFILL	HIDALGO	1	515,399	2,755,385	1416	1,950,813	4
21	2302	CITY OF EDINBURG TYPE IV LANDFILL	HIDALGO	4	89,161	12,391,342	1070	6,629,368	74
<b>TEXOMA COUNCIL OF GOVERNMENTS</b>									
22	0523	HILLSIDE LANDFILL	GRAYSON	1	67,759	12,399,000	1020	6,343,490	68
22	2290	TASWA DISPOSAL AND RECYCLING	GRAYSON	1	140,125	25,048,823	900	11,271,970	59
<b>CENTRAL TEXAS COUNCIL OF GOVERNMENTS</b>									
23	0692	TEMPLE LANDFILL	BELL	1	301,545	7,165,181	1460	5,230,582	15
23	1866	FORT HOOD LANDFILL	CORYELL	1	25,702	3,244,851	985	1,598,089	60
<b>MIDDLE RIO GRANDE DEVELOPMENT COUNCIL</b>									
24	0207	CITY OF DEL RIO MUNICIPAL LANDFILL	VAL VERDE	1	44,321	1,773,990	600	532,197	12
24	0630	CITY OF SABINAL LANDFILL	UVALDE	4	8	3,760	400	752	10
24	1308	CRYSTAL CITY MSW FACILITY	ZAVALA	1AE	1,499	1,576,443	805	669,988	234
24	1725	CITY OF UVALDE LANDFILL	UVALDE	1	30,034	996,121	1000	483,060	16
24	1918	CITY OF EAGLE PASS TYPE IV LANDFILL	MAVERICK	4AE	8,203	1,238,933	750	460,600	30

**Individual MSW Landfill Facility Data**

<b>COG</b>	<b>Permit</b>	<b>Site Name</b>	<b>County</b>	<b>Type</b>	<b>2008 Tons</b>	<b>RemYds</b>	<b>Rate</b>	<b>RemTons</b>	<b>RemYrs</b>
24	2225	CITY OF CARRIZO SPRINGS LANDFILL	DIMITT	1AE	3,751	1,204,097	600	361,229	44

# Individual Facility Data for Non-Landfill Permitted and Registered Facilities

Active facilities, organized by COG number and facility permit or registration number

Database codes used:

TYPE 5AC = Medical waste autoclave facility

TYPE 5GG = Liquid waste (i.e., grease trap waste, grit trap waste, sludge, septage) processing facility

TYPE 5RC = Mixed-waste composting facility

TYPE 5RR = Materials recovery facility (MRF)

TYPE 5SG = Waste-to-energy facility (incineration with electrical power generation)

TYPE 5TS = Transfer station

TYPE 5WI = Incinerator (no electrical power generation)

TYPE 9GR = Landfill gas recovery facility

2008TONS = Total tons handled in 2008 in terms of major permitted activity (e.g., for a transfer station total tons transferred, for an incinerator total tons incinerated; for a liquid waste processing facility, waste is reported in gallons but converted here to approximate tons equivalent)

COG	P/R#	Site Name	County	Type	2008 Tons
<b>PANHANDLE REGIONAL PLANNING COMMISSION</b>					
01	0790	CAL FARLEYS BOYS RANCH WASTE INCINERATOR	OLDHAM	5WI	151
01	40015	CITY OF BORGER TRANSFER STATION	HUTCHINSON	5TS	16,640
01	40192	CITY OF CLARENDON MSW TRANSFER STATION	DONLEY	5TS	567
<b>SOUTH PLAINS ASSOCIATION OF GOVERNMENTS</b>					
02	40051	CITY OF LEVELLAND TRANSFER STATION	LUBBOCK	5TS	13,835
<b>NORTEX REGIONAL PLANNING COMMISSION</b>					
03	2229	LIQUID WASTE PROCESSING	WICHITA	5GG	4,300,893
03	2295	IESI BOWIE TRANSFER STATION	MONTAGUE	5TS	49,387
03	40059	CITY OF VERNON TRANSFER STATION	WILBARGER	5TS	17,978
<b>NORTH CENTRAL TEXAS COUNCIL OF GOVERNEMENTS</b>					
04	0012	CITY OF GARLAND TRANSFER STATION	DALLAS	5TS	112,166
04	0053	LOOKOUT DRIVE TRANSFER STATION	COLLIN	5TS	175,343
04	0227	CITY OF UNIVERSITY PARK TRANSFER STATION	DALLAS	5TS	14,522
04	1263	CITY OF MESQUITE TRANSFER STATION	DALLAS	5TS	48,020
04	1433	BURLESON TRANSFER STATION	JOHNSON	5TS	11,134
04	1494	PARKWAY TRANSFER STATION	COLLIN	5TS	126,154



COG	P/R#	Site Name	County	Type	2008 Tons
04	1592	IESI GRANBURY TRANSFER STATION	HOOD	5TS	843
04	2045	CUSTER TRANSFER STATION	COLLIN	5TS	260,136
04	2069	LIQUID ENVIRONMENTAL SOLUTIONS OF TX AT DALLAS	DALLAS	5GG	24,532,639
04	2245	ENVIROCLEAN AUTOCLAVE FACILITY	DALLAS	5AC	10,322
04	2256	ALCO ENVIRONMENTAL	TARRANT	5GG	15,569,017
04	2275	FORT WORTH TRANSFER STATION & MATL RECOVERY FACILITY	TARRANT	5TS	564,589
04	2306	IESI MINNIS DRIVE TRANSFER STATION	TARRANT	5TS	9,380
04	40075	TRINITY WASTE SERVICES MATERIALS RECOVERY FACILITY	DALLAS	5TS	6,235
04	40104	IESI MINGUS TRANSFER STATION	PALO PINTO	5TS	207
04	40168	CITY OF CLEBURNE TRANSFER STATION FACILITY	JOHNSON	5TS	55,122
04	40181	SOMERVELL COUNTY TRANSFER STATION	SOMERVELL	5TS	13,768
04	40196	COMMUNITY WASTE DISPOSAL LP	DALLAS	5TS	53,480
04	41892	TRINITY WASTE SVCS PLANO HAULING AND MRF	DALLAS	5RR	107,769
04	40229	HUCKABAY RIDGE LIQUID WASTE FACILITY	ERATH	5GG	7,809,133
04	41892	TRINITY WASTE SERVICES PLANO HAULING MRF	DALLAS	5RR	65,289
04	42008	SILVER CREEK MATERIALS RECYCLING AND COMPOST	TARRANT	5RC	17,331
<b>ARK-TEX COUNCIL OF GOVERNMENTS</b>					
<b>EAST TEXAS COUNCIL OF GOVERNMENTS</b>					
06	40030	CITY OF CANTON TRANSFER STATION	VAN ZANDT	5TS	5,000
06	40040	ANDERSON COUNTY TRANSFER STATION FACILITY	ANDERSON	5TS	3,305
06	40102	UPPER SABINE VALLEY TRANSFER STATION	WOOD	5TL	2,292
<b>WEST TEXAS COUNCIL OF GOVERNMENTS</b>					
<b>RIO GRANDE COUNCIL OF GOVERNMENTS</b>					
08	40158	VALLEY BY PRODUCTS	EL PASO	5TL	2,022,871
<b>CONCHO VALLEY COUNCIL OF GOVERNMENTS</b>					
10	42022	KICKAPOO COMPOSTING FACILITY	TOM GREEN	5RC	1,910
<b>CAPITAL AREA PLANNING COUNCIL</b>					
12	0466	GEORGETOWN TRANSFER STATION	WILLIAMSON	5TS	71,015
12	2260	STERICYCLE AUTOCLAVE FACILITY	BASTROP	5AC	8,019
12	2310	J-V DIRT & LOAM	TRAVIS	5RC	3,100

COG	P/R#	Site Name	County	Type	2008 Tons
12	40007	IESI BLANCO COUNTY TRANSFER STATION	BLANCO	5TS	21,170
12	40035	BFI BURNET TRANSFER STATION	BURNET	5TS	129,210
12	42006	CITY OF LLANO CITIZEN COLLECTION & RECYCLE CNTR	LLANO	5RR	1,280
<b>BRAZOS VALLEY COUNCIL OF GOVERNMENTS</b>					
13	40018	CITY OF BRENHAM TRANSFER STATION	WASHINGTON	5TS	20,292
13	40173	BRENHAM TOTAL ROLL-OFFS TRANSFER STATION	WASHINGTON	5TS	28,200
13	42003	CITY OF BRYAN COMPOSTING FACILITY	BRAZOS	5RC	15,278
<b>DEEP EAST TEXAS REGIONAL PLANNING COMMISSION</b>					
14	40038	TYLER COUNTY TRANSFER STATION	TYLER	5TS	1,562
14	40054	CITY OF PINELAND TRANSFER STATION FACILITY	SABINE	5TS	6,112
14	40114	CITY OF CROCKETT TRANSFER STATION FACILITY	HOUSTON	5TS	7,423
<b>SOUTH EAST TEXAS REGIONAL PLANNING COMMISSION</b>					
<b>HOUSTON-GALESTON AREA COUNCIL</b>					
16	0164	GALVESTON TRANSFER STATION	GALVESTON	5TS	103,501
16	1092	SOMMERMEYER NORTHWEST TRANSFER STATION	HARRIS	5TS	133,103
16	1471	SAM HOUSTON TRANSFER STATION	HARRIS	5TS	216,499
16	1483	KOENIG STREET TRANSFER STATION	HARRIS	5TS	276,079
16	1697	CITY OF DEER PARK TRANSFER STATION	HARRIS	5TS	26,251
16	2099	CITY OF WHARTON TRANSFER STATION	WHARTON	5TS	9,691
16	2106	WEIMAR TRANSFER STATION	COLORADO	5TS	20,060
16	2222	STERICYCLE INC	MONTGOMERY	5AC	15,400
16	2232	UTMB GALVESTON SOLID WASTE INCINERATOR	GALVESTON	5WI	114
16	2234	LIQUID ENVIRONMENTAL SOLUTIONS OF TX AT HOUSTON	HARRIS	5GG	54,505,697
16	2239	CHAMBERS COUNTY SOLID WASTE INCINERATION	CHAMBERS	5WI	8,562
16	2298	DOWNSTREAM ENVIRONMENTAL	HARRIS	5GG	12,938,723
16	2318	DON TOL COMPOST FACILITY	MATAGORDA	5RC	4,558
16	2350	BIG K ENVIRONMENTAL FACILITY	HARRIS	5GG	13,310,447
16	40025	CITY OF SEALY TRANSFER STATION	AUSTIN	5TS	691
16	40053	BEST SEPTIC TANK CLEANING	FORT BEND	5TL	587,026
16	40056	CITY OF HUNTSVILLE TRANSFER STATION FACILITY	WALKER	5TS	43,250
16	40098	BFI WASTE SERVICES OF TEXAS LP	HARRIS	5RR	16,902

COG	P/R#	Site Name	County	Type	2008 Tons
16	40132	HOUSTON SOUTHWEST TRANSFER STATION FACILITY	HARRIS	5TS	481,498
16	40141	MONTAGUE COUNTY TRANSFER STATION FACILITY	MONTGOMERY	5TS	105
16	40189	EGBERT TRANSFER STATION	HARRIS	5TS	78,505
<b>GOLDEN CRECENT REGIONAL PLANNING COMMISSION</b>					
17	2181	JACKSON COUNTY MSW TS AND RECYCLING CENTER	JACKSON	5TS	2,342
17	2330	VICTORIA ENVIRONMENTAL	VICTORIA	5GG	13,932
17	40011	CITY OF HALLETTSVILLE TRANSFER STATION	LAVACA	5TS	908
17	40017	CITY OF YOAKUM TRANSFER STATION	DEWITT	5TS	13,994
<b>ALAMO AREA COUNCIL OF GOVERNMENTS</b>					
18	1443	STARCREST TRANSFER STATION	BEXAR	5TS	169,381
18	1871	JOURDANTON TRANSFER STATION FACILITY	ATASCOSA	5TS	304
18	43011	LACOSTE WASTE WATER TREATMENT PLANT	MEDINA	5GG	9,460,422
<b>SOUTH TEXAS DEVELOPMENT COUNCIL</b>					
<b>COASTAL BEND COUNCIL OF GOVERNMENTS</b>					
20	0597	CITY OF PORT ARANSAS LANDFILL	SAN PATRICIO	5TS	6,711
20	40002	LIVE OAK COUNTY TRANSFER STATION	LIVE OAK	5TS	600
<b>LOWER RIO GRANDE VALLEY DEVELOPMENT COUNCIL</b>					
21	2102	HIDALGO COUNTY PRECINCT 4 RECOVERY CENTER	HIDALGO	5SG	24,837
21	2334	MED-SHRED HARLINGEN PROCESSING FACILITY	CAMERON	5MW	22
21	40110	CITY OF HARLINGEN TRANSFER STATION FACILITY	CAMERON	5TS	58,556
21	42015	CITY OF BROWNSVILLE COMPOSTING FACILITY	CAMERON	5RC	37,458
<b>TEXOMA COUNCIL OF GOVERNMENTS</b>					
22	1030	CITY OF GAINESVILLE TRANSFER STATION	COOKE	5TS	28,141
22	1136	CITY OF SHERMAN TRANSFER STATION	GRAYSON	5TS	5,863
<b>CENTRAL TEXAS COUNCIL OF GOVERNMENTS</b>					
23	40145	CITY OF COPPERAS COVE TRANSFER STATION FACILITY	CORYELL	5TS	19,564
23	40160	CITY OF SAN SABA MUNICIPAL SOLID WASTE PROCESS	SAN SABA	5TS	3,440
23	40209	CITY OF KILLEEN TRANSFER STATION	BELL	5TS	103,946
23	42017	CITY OF COPPERAS COVE COMPOSTING FACILITY	CORYELL	5RC	5,763
<b>MIDDLE RIO GRANDE DEVELOPMENT COUNCIL</b>					
24	40170	CITY OF BRACKETTVILLE MSW TRANSFER STATION	KINNEY	5TS	100

# References

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- i. Title 30, Texas Administrative Code, Chapter 330, Section 330.5 (b)
- ii. Annual Estimates of the Population for Counties of Texas: April 1, 2000 to July 1, 2008 (CO-EST 20087-01-48), release date: March 19, 2009, source: Population Division, U.S. Census Bureau found at <http://www.census.gov/popest/counties/>
- iii. Texas Health and Safety Code , Section 363.0615