

STATE OF MISSISSIPPI

STATUS REPORT ON SOLID WASTE MANAGEMENT FACILITIES AND ACTIVITIES

CALENDAR YEAR 2013



PREPARED BY:

**SOLID WASTE POLICY, PLANNING & GRANTS BRANCH
OFFICE OF POLLUTION CONTROL
MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY**

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INTRODUCTION

The Mississippi Department of Environmental Quality (MDEQ) developed this status report to provide information on solid waste management activities conducted in Mississippi during Calendar Year 2013. A report on the solid waste management or disposal activities conducted at each landfill, rubbish site, transfer station, land application site, processing facility, and composting facility in the state is required to be submitted to MDEQ by the facility owner or operator each year. Beneficial use determination holders are also required to submit an annual report to MDEQ containing information on the distribution of industrial and other by-products for legitimate end uses. Additionally, waste tire haulers and commercial waste tire collection and processing facilities are required to monthly or annually report certain information regarding the quantities of waste tires managed. This status report provides summary information on these activities during 2013 as listed below:

Commercial Solid Waste Disposal Facilities

This report contains a summary of information on disposal activities conducted at commercial disposal facilities in the state. A commercial solid waste disposal facility is any facility that is engaged in the disposal of solid waste for compensation or which accepts waste from more than one generator not owned by the facility owner. Commercial solid waste disposal facilities include:

- Municipal Solid Waste (MSW) Landfills
- Non-Municipal Solid Waste (Non-MSW) Landfills
- Class I and Class II Rubbish Sites

Non-Commercial Solid Waste Disposal Facilities

This report contains a summary of information on disposal activities conducted at non-commercial disposal facilities. A non-commercial solid waste disposal facility is a facility that receives solid waste from a single generator and that is not operated for compensation. Non-commercial solid waste disposal facilities include:

- Industrial and Institutional Landfills
- Industrial and Institutional Rubbish Sites

Transfer Stations

This report contains a summary of information on activities conducted at permitted solid waste transfer stations in Mississippi. A transfer station is a fixed facility primarily used for the purpose of transferring solid waste from one solid waste transportation vehicle to another.

Solid Waste Land Application Sites

This report contains a summary of information on activities conducted at permitted land application sites in Mississippi. A land application site is a site that receives wastes for incorporation into the soil, injection below the land surface, or other application of wastes on the land for soil amendment or conditioning purposes or for biodegradation of the wastes.

Processing Facilities

This report contains a summary of information on activities conducted at permitted solid waste processing facilities in Mississippi. A solid waste processing facility is a facility that sorts, shreds, grinds, bales, treats or otherwise processes solid waste to facilitate recycling, reuse, or disposal. These facilities do not include sites that receive and manage only pre-sorted recyclable components of solid waste.

Composting Facilities

This report contains a summary of information on activities conducted at composting facilities in Mississippi. A composting facility is a facility that receives organic wastes such as food scraps, animal manures, vegetative debris, and untreated wood wastes and generates compost through managed decomposition processes.

Beneficial Use of Nonhazardous Solid Waste and/or By-Products

This report contains a summary of information on activities conducted by Beneficial Use Determination (BUD) holders. Mississippi's Beneficial Use Program provides a mechanism whereby industries and other generators may provide eligible solid wastes and/or by-products to users for legitimate end-uses where determined appropriate by the MDEQ.

Waste Tire Management

This report contains a summary of information on the management of waste tires in Mississippi. Mississippi's Waste Tire Management Program administers state rules and regulations for the proper storage, collection, transportation, processing, recycling, and disposal of waste tires.

This status report contains information that may be utilized by local government officials and solid waste decision makers, disposal facility owners and operators, state agencies, and other organizations. Copies of this report will be available to local government officials and solid waste decision makers to assist them in planning for the management of solid wastes in their jurisdictions. A copy of this status report will also be provided to the Mississippi Department of Revenue for verification of the information that the Department of Revenue receives from commercial disposal facility owners/operators each year.

The submitted information on the total amount of wastes received or distributed in tons for Calendar Year 2013 has generally not been verified by the MDEQ for accuracy. For additional

information on this Status Report or to review the annual reports for a specific solid waste management facility, please contact:

Mr. Trent Jones, P.E., BCEE
MDEQ Solid Waste Policy, Planning & Grants Branch
P.O. Box 2261
Jackson, MS 39225
Phone/Fax: (601) 961-5726 / (601) 961-5785
Email: trent_jones@deq.state.ms.us

For copies of previous reports or for additional information on solid waste management in Mississippi, please visit the MDEQ Solid Waste Policy, Planning & Grants Branch webpage at:

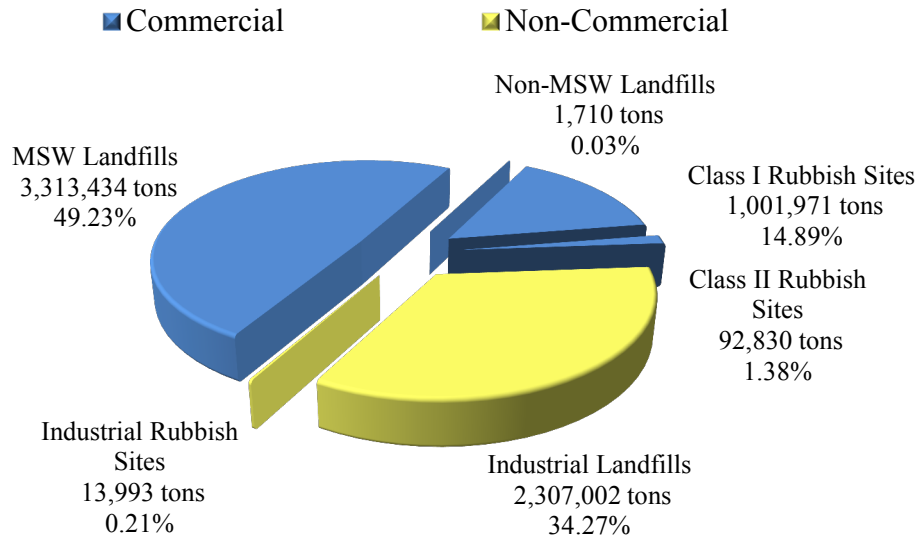
<http://www.deq.state.ms.us/solidwaste>

STATUS REPORT SUMMARY

Solid Waste Disposal Facilities

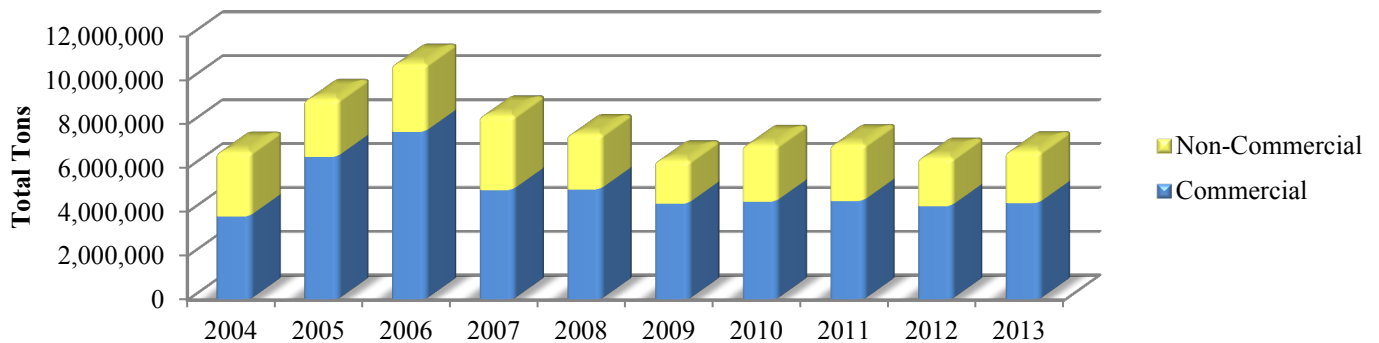
The annual reports indicate that a total of 6,730,940 tons of solid waste was received for disposal during Calendar Year 2013 at commercial and non-commercial landfills and rubbish sites. Commercial landfills disposed of 3,315,144 tons (49.25%), non-commercial landfills disposed of 2,307,002 tons (34.27%), commercial rubbish sites disposed of 1,094,801 tons (16.27%), and non-commercial rubbish sites disposed of 13,993 tons (0.21%) of waste (see [Figure 1](#)).

FIGURE 1



This status report also indicates that Mississippi received a total of 804,237 tons of solid waste from out-of-state sources representing 11.95% of the total solid waste that was disposed during Calendar Year 2013. Commercial landfills received 761,028 tons and commercial rubbish sites received 43,209 tons of out-of-state waste. Overall, in 2013, Mississippi solid waste disposal facilities received 296,970 tons more nonhazardous solid waste for disposal than during Calendar Year 2012 (see [Figure 2](#)).

FIGURE 2



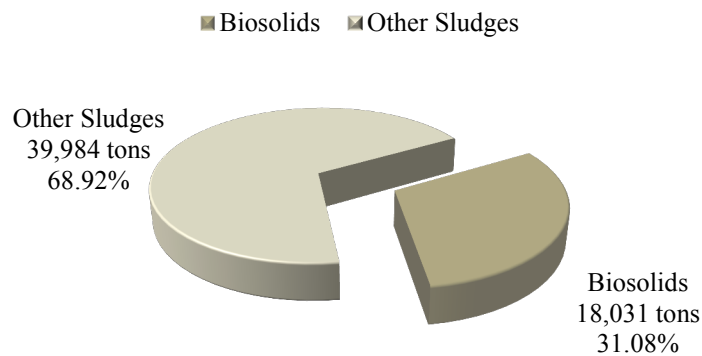
Transfer Stations

The annual reports indicate that a total of 716,665 tons of solid waste was received during Calendar Year 2013 at solid waste transfer stations for ultimate disposal at a commercial solid waste landfill.

Land Application Sites

The annual reports indicate that a total of 58,015 tons of solid waste was received during Calendar Year 2013 at land application sites. Land application sites applied 18,031 dry tons (31.08%) of municipal wastewater sludge (biosolids) and 39,984 dry tons (68.92%) of waste other than municipal wastewater sludge such as pulp and paper mill sludge, poultry processing sludge, and other materials (see [Figure 3](#)).

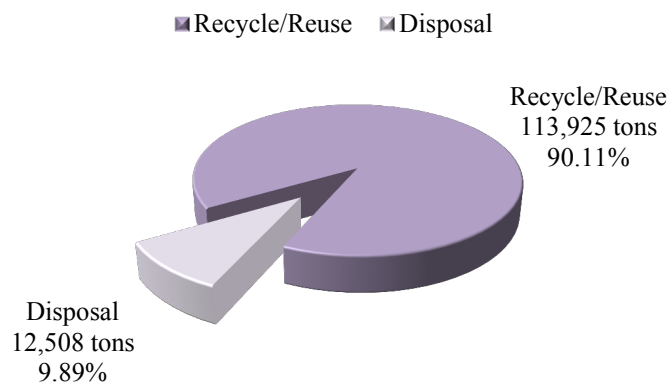
FIGURE 3



Processing Facilities

The annual reports indicate that a total of 126,433 tons of solid waste was received during Calendar Year 2013 at processing facilities. These facilities processed a variety of solid wastes including wood wastes, ash, construction and demolition materials, putrescible wastes, and medical wastes to facilitate recycling, reuse or disposal. Processing facilities recycled or reused 113,925 tons (90.11%) of the solid wastes received and disposed of 12,508 tons (9.89%) of the solid waste received (see [Figure 4](#)).

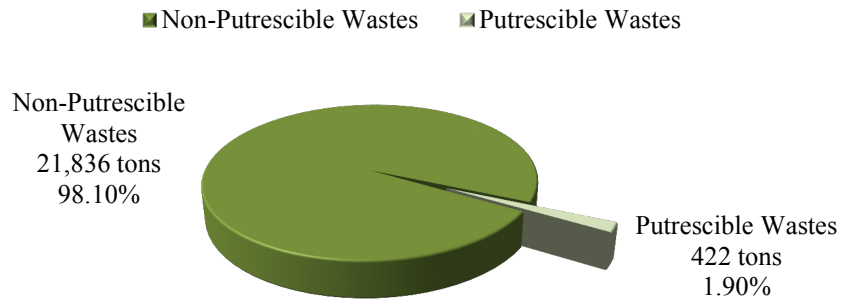
FIGURE 4



Composting Facilities

The annual reports indicate that a total of 22,258 tons of solid waste was received during Calendar Year 2013 at composting sites. Facilities that compost only non-putrescible wastes such as vegetative debris and untreated wood wastes received 21,836 tons (98.10%) of the total. Facilities that compost non-putrescible wastes and putrescible waste such as food wastes and animal manures received 422 tons (1.90%) of solid waste (see [Figure 5](#)).

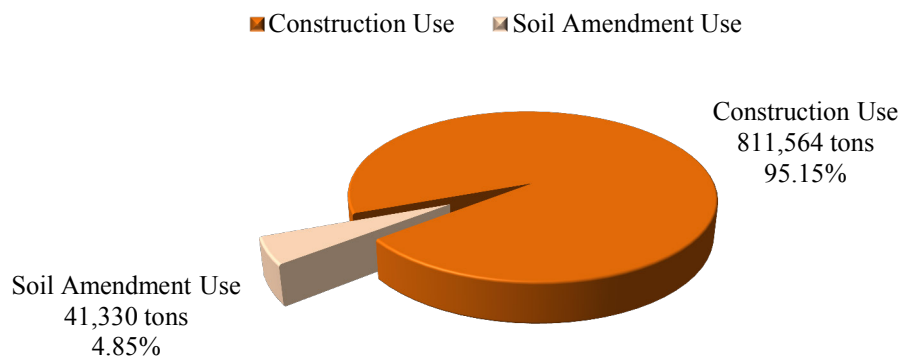
FIGURE 5



Beneficial Use Determinations

The annual reports indicate that a total of 852,894 tons of solid wastes and/or by-products were distributed by Beneficial Use Determination (BUD) holders for legitimate end uses in the State of Mississippi during Calendar Year 2013. Construction related projects accounted for 811,564 tons (95.15%) of the by-products distributed and the remaining 41,330 tons (4.85%) were used in soil amendment or conditioning activities (see [Figure 6](#)).

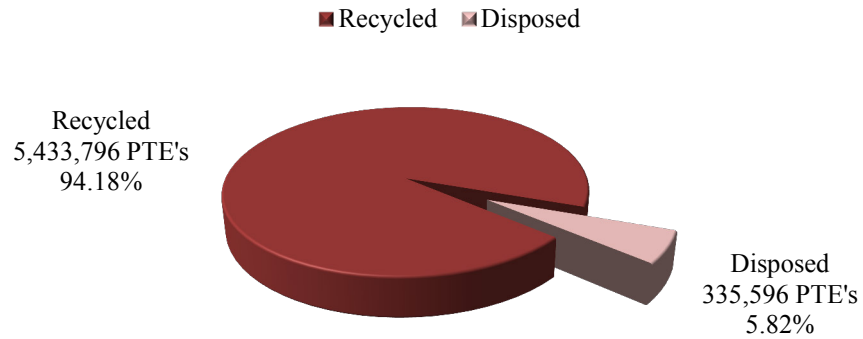
FIGURE 6



Waste Tire Management Program

The waste tire processing facility reports indicate that a total of approximately 5,769,392 passenger tire equivalents (PTE's) were managed in Mississippi during Calendar Year 2013. Approximately 5,433,796 PTE's (94.18%) of the waste tires went to processing facilities that recycle the majority of the waste tire and the remaining 335,596 PTE's (5.82%) went to processing sites that dispose of all components of the waste tire in permitted monofills or rubbish sites (see Figure 7).

FIGURE 7



MUNICIPAL SOLID WASTE (MSW) LANDFILLS

MSW Landfills are commercial disposal facilities that are designed and constructed to receive a wide range of nonhazardous solid wastes for disposal including household garbage, commercial business wastes, nonhazardous industrial wastes, and special wastes such as asbestos or treated medical wastes. There were 19 MSW landfills that operated in the state during Calendar Year 2013. According to the submitted annual reports, these landfills disposed of a total of 3,313,434 tons of solid waste during Calendar Year 2013.

The annual report on the solid waste disposal activities conducted at each MSW landfill is required by the Mississippi Code Annotated §17-17-219 and Rule 1.4.B.(15) of the Mississippi Nonhazardous Solid Waste Management Regulations. This report contains a summary of the information from these individual facility reports as provided by the facility owners. The report includes the following information:

1. A state map showing the locations of MSW landfills;
2. A summary of operational information contained in the individual annual reports for Calendar Year 2013 for MSW landfills; and
3. Individual state maps for the 19 active MSW landfills including geographic locations, the geographic areas serviced with the amount of wastes received in tons/year, and other pertinent information.

MSW Landfill Disposal Trends

Data in this report indicates that during 2013, Mississippi MSW landfills received 133,295 tons more municipal solid waste for disposal than during Calendar Year 2012 (see [Figure 8](#) below).

FIGURE 8

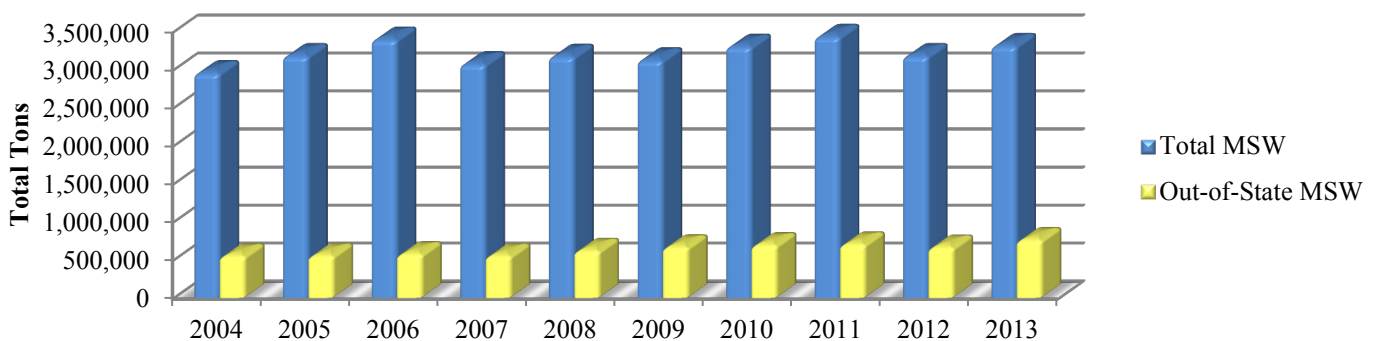


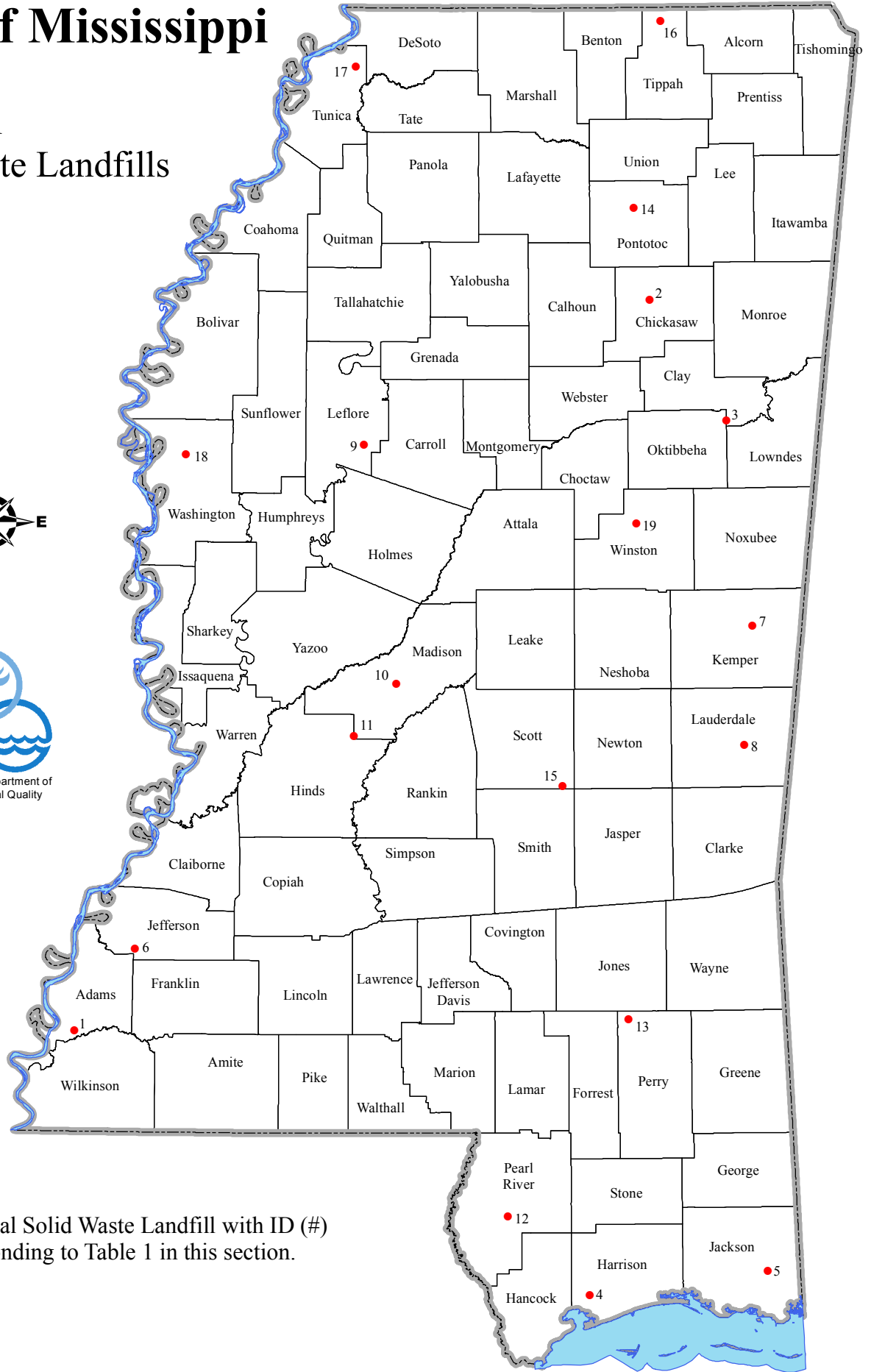
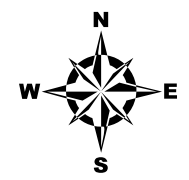
FIGURE 9 below shows a comparison of the annual disposal amounts for MSW landfills from Calendar Years 2008 through 2013. Over this six year period, the average annual percent change in disposal rates was +1.00% for total MSW, +0.13% for in-state MSW, and +4.46% for out-of-state MSW. The total amount of wastes disposed at MSW Landfills during Calendar Year 2013 represents a 4.47% increase over the total amount of waste received in Calendar Year 2008.

FIGURE 9

MSW (tons)	CALENDAR YEAR						Avg. Annual % Change
	2008	2009	2010	2011	2012	2013	
Total	3,171,796	3,125,734	3,303,079	3,432,853	3,180,139	3,313,434	1.00
In-State	2,553,238	2,459,134	2,609,777	2,729,305	2,517,611	2,552,346	0.13
Out-of-State	618,557	666,600	693,301	703,548	662,528	761,028	4.46

State of Mississippi

Municipal Solid Waste Landfills



- Municipal Solid Waste Landfill with ID (#) corresponding to Table 1 in this section.

TABLE 1
Disposal Information on Municipal Solid Waste Landfills
Calendar Year 2013

(I) ID	(II) County	(III) Name of Facility	(IV) Owner	(V) Permitted Acreage	(VI)	(VII)		(VIII)
					Total Waste Received tons/year	Out of State Waste Received tons/year	%	Est. Life Remaining years
1	Adams	Plantation Oaks Landfill	Waste Mgt. of MS, Inc.	80	70,525	8,665	12.29	88
2	Chickasaw	Prairie Bluff Landfill	Waste Mgt. of MS, Inc.	236	101,452	16,340	16.11	150
3	Clay	Golden Triangle Reg. Landfill	Golden Triangle Reg. SWMA	288	123,558	0	0.00	155
4	Harrison	Pecan Grove Landfill	Waste Mgt. of MS, Inc.	176	384,196	11,442	2.98	18
5	Jackson	MacLand Landfill**	MacLand Disposal Center, Inc.	49	205,331	127,711	62.20	14
6	Jefferson	Riverbend Landfill	Riverbend Env. Services, LLC	162	156,395	76,378	48.84	90
7	Kemper	Kemper Co. Landfill	Kemper Co. Landfill Company	22	62,612	8,126	12.98	14
8	Lauderdale	Pine Ridge Landfill	Waste Mgt. of MS, Inc.	75	120,018	20,553	17.12	34
9	Leflore	Leflore County Landfill	Leflore Co. B.O.S.	56	82,888	0	0.00	17
10	Madison	Canton Sanitary Landfill	City of Canton	150	47,144	0	0.00	210
11	Madison	Little Dixie Landfill	BFI Waste Sys. of MS, LLC	165	278,615	76	0.03	14
12	Pearl River	Central Landfill	TransAmerican Waste, Inc.	109	74,536	18,444	24.75	132
13	Perry	Pine Belt Reg. Landfill	Pine Belt Reg. SWMA	49	146,130	0	0.00	6
14	Pontotoc	Three Rivers Reg. Landfill	Three Rivers Reg. SWMA	207	191,124	0	0.00	56
15	Scott	Clearview Env. Control Facility	Chambers of MS, Inc.	145	384,544	271	0.07	40
16	Tippah	Northeast MS Reg. Landfill	Northeast MS Reg. SWMA	82	354,262	215,758	60.90	13
17	Tunica	Tunica Landfill	Waste Mgt. of Tunica, Inc.	203	360,760	247,711	68.66	53
18	Washington	Big River Landfill	BFI Waste Sys. of MS, LLC	148	146,366	9,553	6.53	104
19	Winston	Louisville Landfill	City of Louisville	39	22,978	0	0.00	99

Total **3,313,434** **761,028** **22.97**

**Facility accepts only non-residential MSW

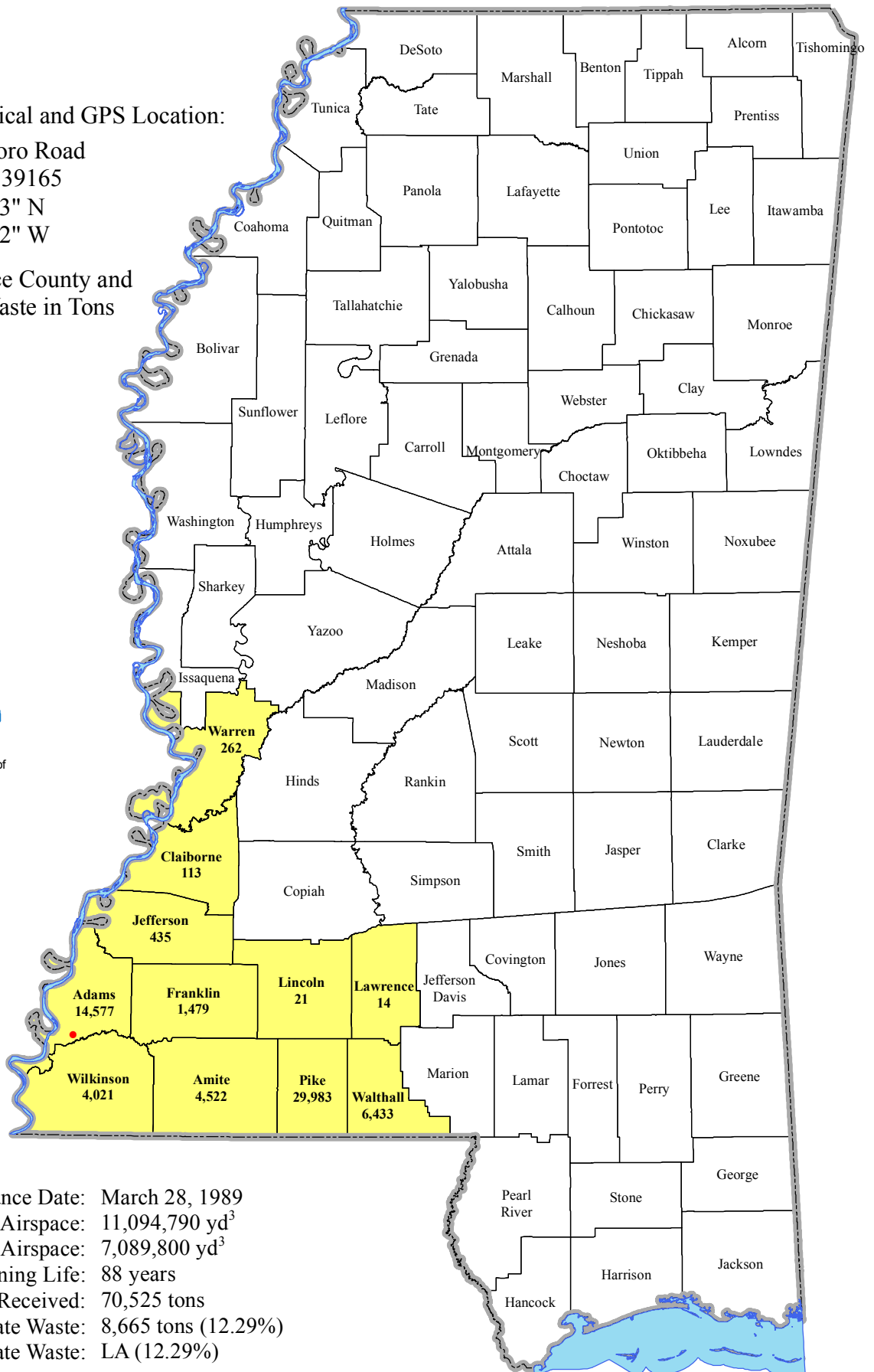
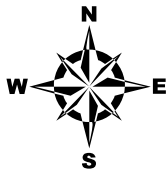
PLANTATION OAKS LANDFILL

Waste Management of Mississippi, Inc.

- Landfill Physical and GPS Location:

35 Shieldsboro Road
 Sibley, MS 39165
 31° 21' 25.03" N
 91° 23' 42.02" W

 In-state Source County and Amount of Waste in Tons



Permit Issuance Date: March 28, 1989
 Permitted Airspace: 11,094,790 yd³
 Estimated Remaining Airspace: 7,089,800 yd³
 Estimated Remaining Life: 88 years
 Total Waste Received: 70,525 tons
 Out-of-State Waste: 8,665 tons (12.29%)
 Sources of Out-of-State Waste: LA (12.29%)

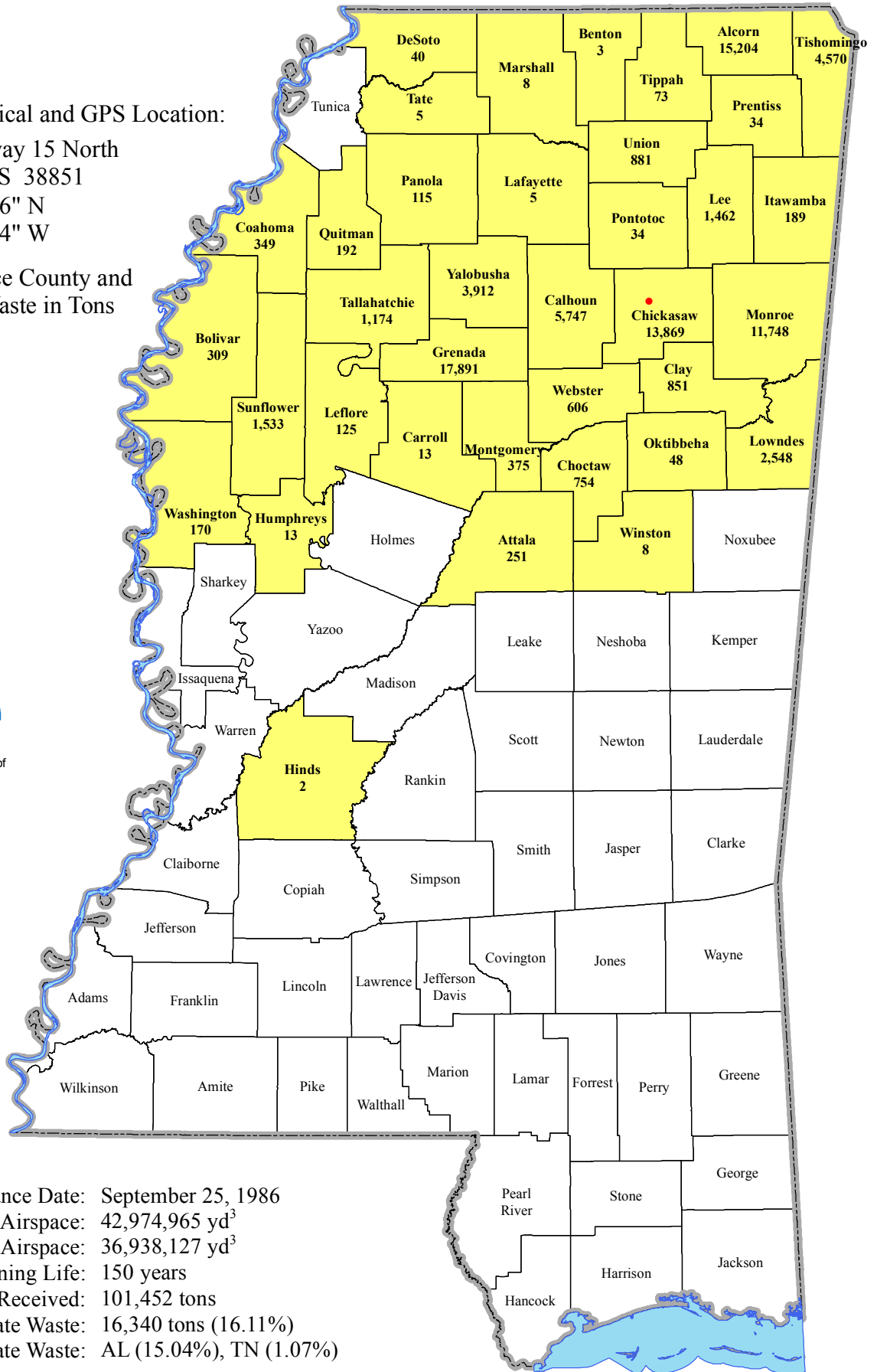
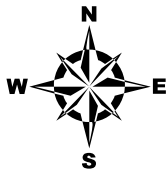
PRAIRIE BLUFF LANDFILL

Waste Management of Mississippi, Inc.

- Landfill Physical and GPS Location:

1649 Highway 15 North
Houston, MS 38851
33° 57' 30.66" N
88° 59' 31.44" W

 In-state Source County and Amount of Waste in Tons



Permit Issuance Date: September 25, 1986
 Permitted Airspace: 42,974,965 yd³
 Estimated Remaining Airspace: 36,938,127 yd³
 Estimated Remaining Life: 150 years
 Total Waste Received: 101,452 tons
 Out-of-State Waste: 16,340 tons (16.11%)
 Sources of Out-of-State Waste: AL (15.04%), TN (1.07%)

GOLDEN TRIANGLE REGIONAL LANDFILL

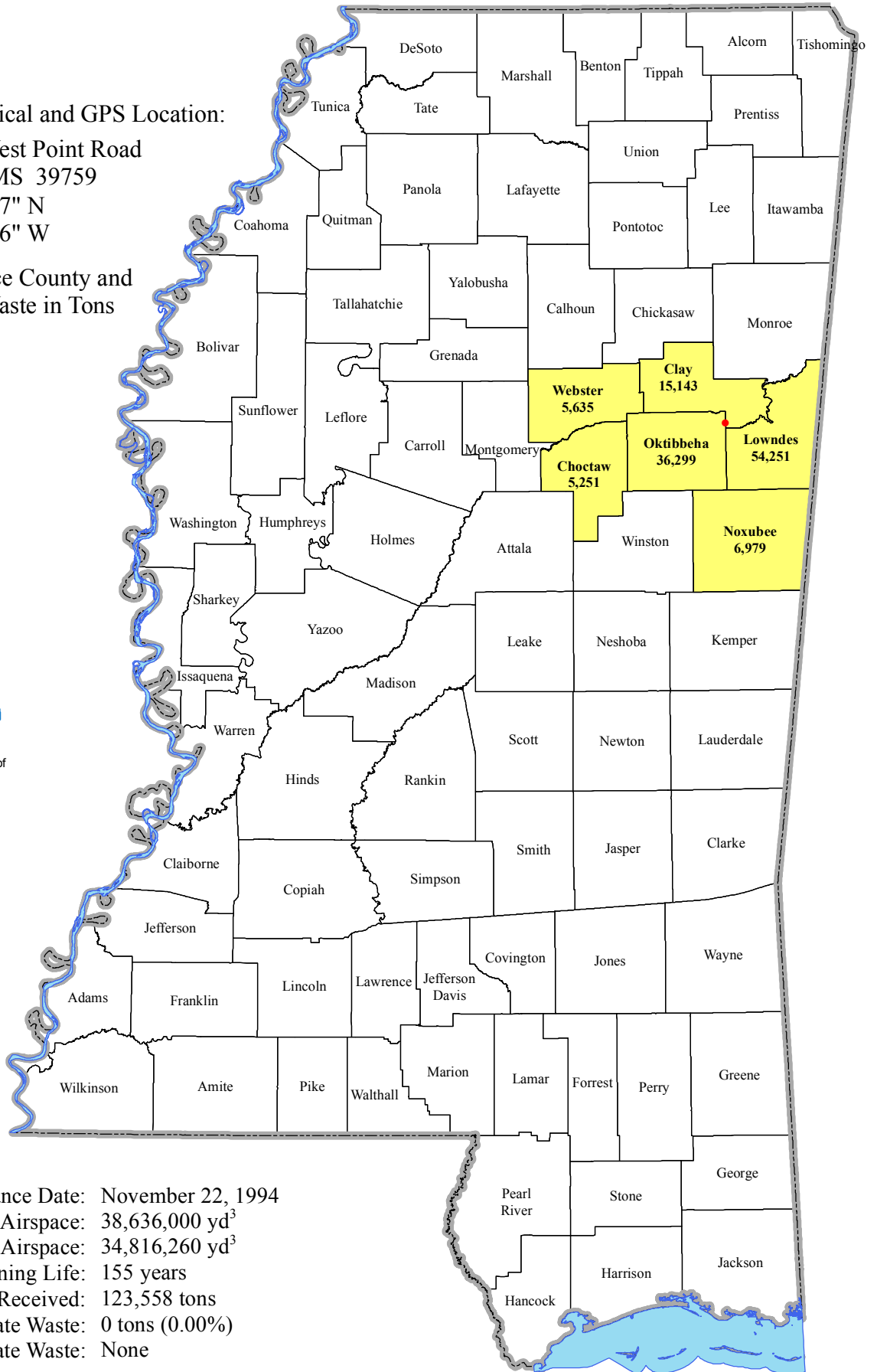
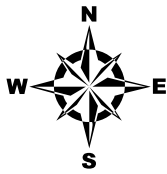
Golden Triangle Regional Solid Waste Management Authority

- Landfill Physical and GPS Location:

9778 Old West Point Road
 Starkville, MS 39759
 33° 31' 41.07" N
 88° 40' 20.06" W



In-state Source County and Amount of Waste in Tons



Permit Issuance Date: November 22, 1994
 Permitted Airspace: 38,636,000 yd³
 Estimated Remaining Airspace: 34,816,260 yd³
 Estimated Remaining Life: 155 years
 Total Waste Received: 123,558 tons
 Out-of-State Waste: 0 tons (0.00%)
 Sources of Out-of-State Waste: None

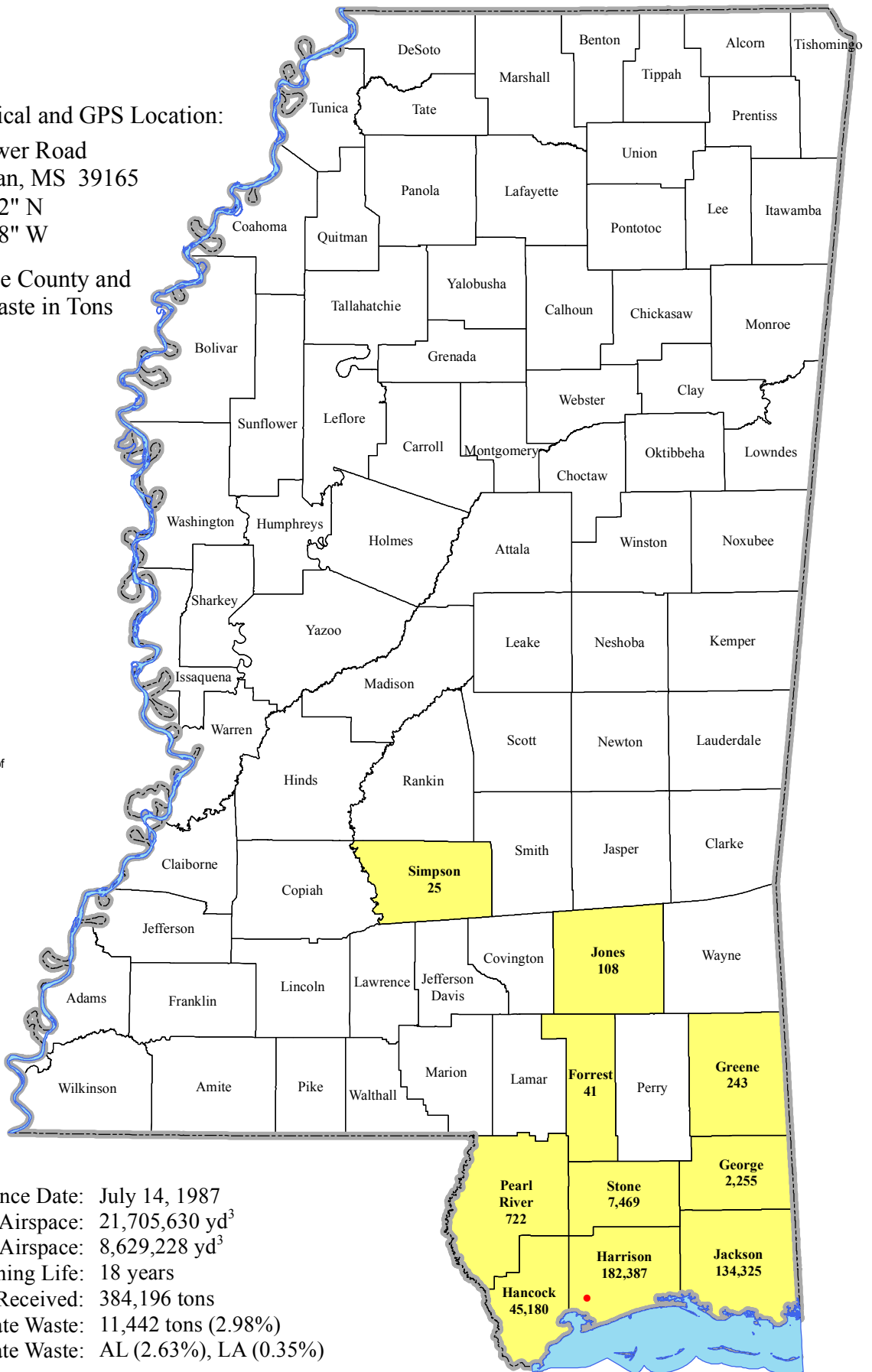
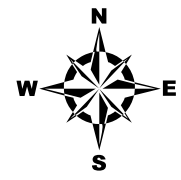
PECAN GROVE LANDFILL

Waste Management of Mississippi, Inc.

- Landfill Physical and GPS Location:

9685 Firetower Road
 Pass Christian, MS 39165
 30° 25' 37.02" N
 89° 16' 00.08" W

- In-state Source County and Amount of Waste in Tons



Permit Issuance Date: July 14, 1987
 Permitted Airspace: 21,705,630 yd³
 Estimated Remaining Airspace: 8,629,228 yd³
 Estimated Remaining Life: 18 years
 Total Waste Received: 384,196 tons
 Out-of-State Waste: 11,442 tons (2.98%)
 Sources of Out-of-State Waste: AL (2.63%), LA (0.35%)

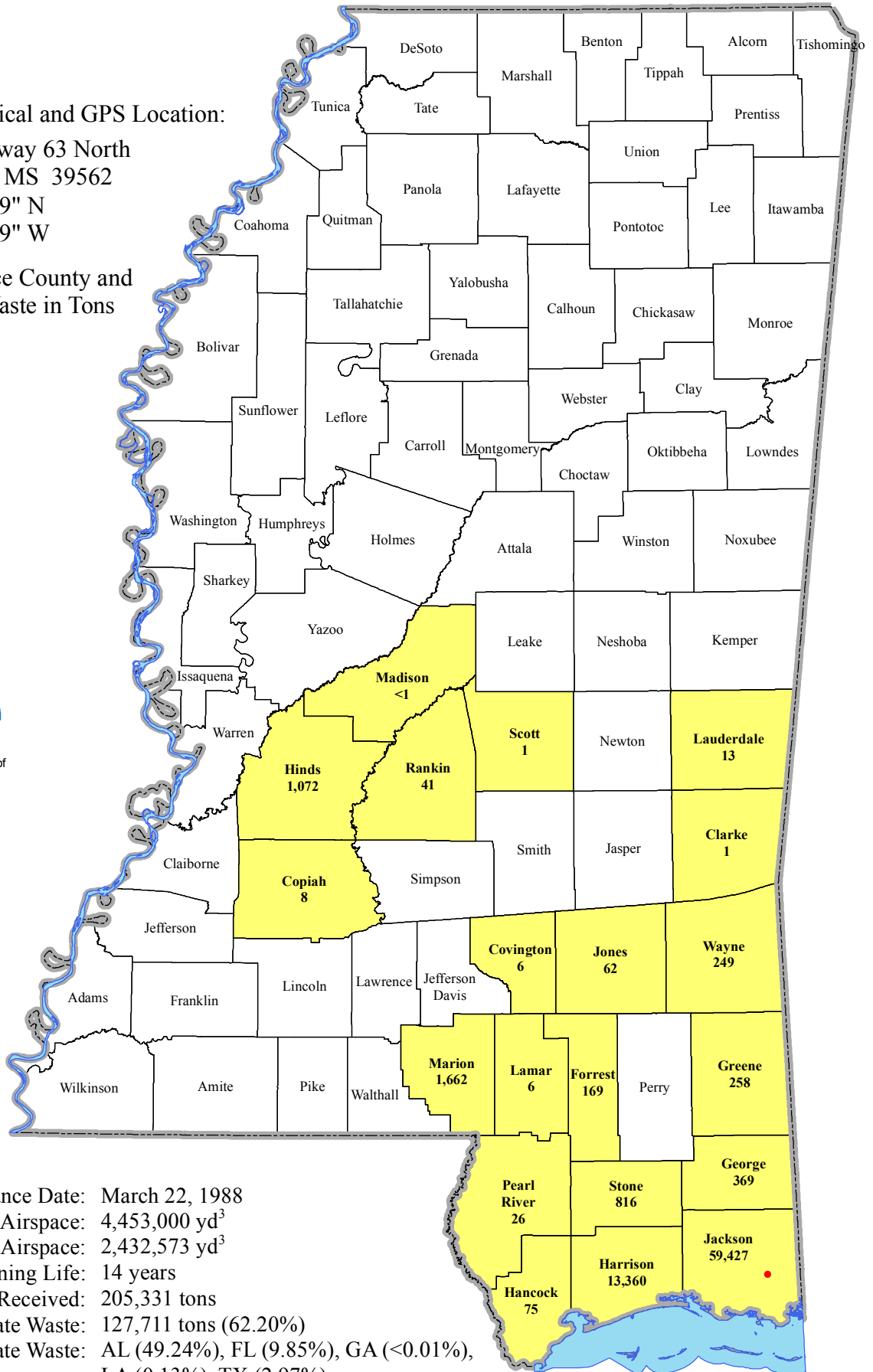
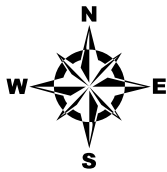
MACLAND DISPOSAL CENTER INC.

Macland Disposal Center, Inc.
a subsidiary of Waste Recyclers Holdings, LLC

- Landfill Physical and GPS Location:

11300 Highway 63 North
Moss Point, MS 39562
30° 30' 24.09" N
88° 32' 08.99" W

- In-state Source County and Amount of Waste in Tons



Permit Issuance Date: March 22, 1988

Permitted Airspace: 4,453,000 yd³

Estimated Remaining Airspace: 2,432,573 yd³

Estimated Remaining Life: 14 years

Total Waste Received: 205,331 tons

Out-of-State Waste: 127,711 tons (62.20%)

Sources of Out-of-State Waste: AL (49.24%), FL (9.85%), GA (<0.01%),
LA (0.13%), TX (2.97%)

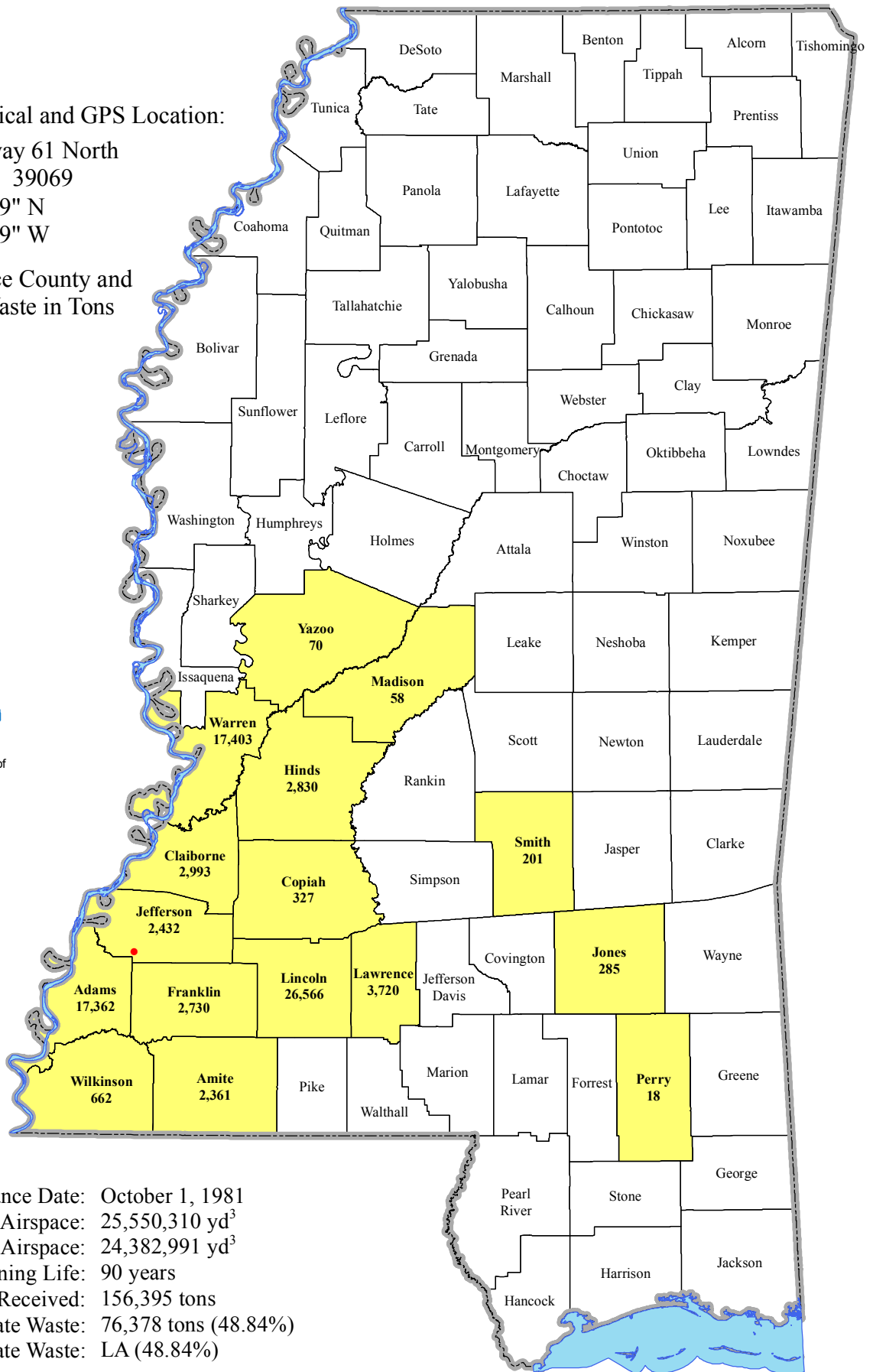
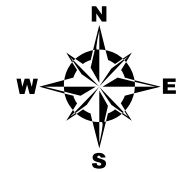
RIVERBEND ENVIRONMENTAL SERVICES LANDFILL

Riverbend Environmental Services, LLC

- Landfill Physical and GPS Location:

4451 Highway 61 North
 Fayette, MS 39069
 31° 38' 56.09" N
 91° 08' 49.99" W

- In-state Source County and Amount of Waste in Tons



Permit Issuance Date: October 1, 1981
 Permitted Airspace: 25,550,310 yd³
 Estimated Remaining Airspace: 24,382,991 yd³
 Estimated Remaining Life: 90 years
 Total Waste Received: 156,395 tons
 Out-of-State Waste: 76,378 tons (48.84%)
 Sources of Out-of-State Waste: LA (48.84%)

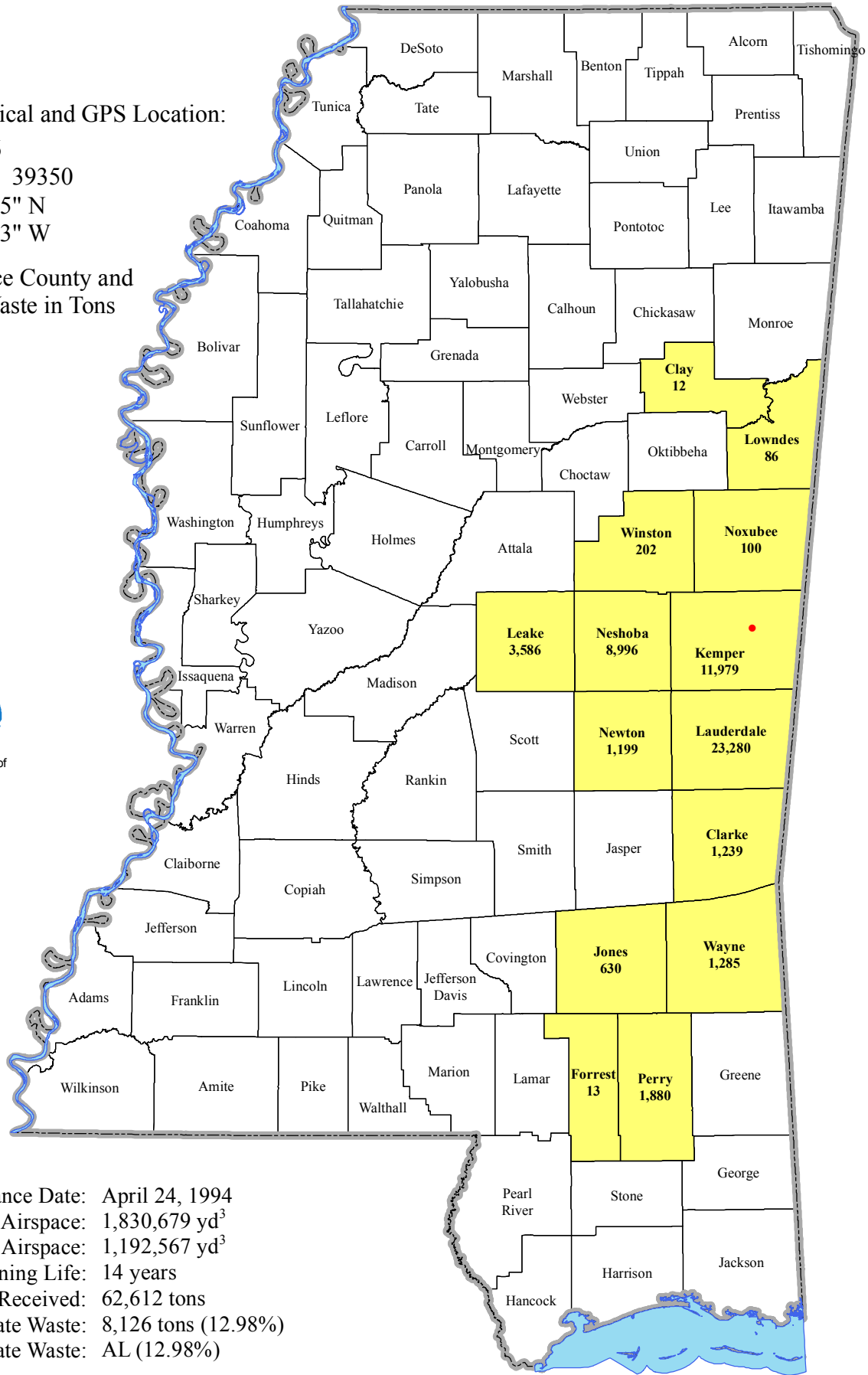
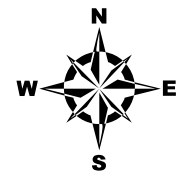
KEMPER COUNTY SOLID WASTE LANDFILL

Kemper County Landfill, LLC
 a subsidiary of Waste Pro of Mississippi, Inc.

- Landfill Physical and GPS Location:

Highway 16
 Dekalb, MS 39350
 32° 47' 53.05" N
 88° 34' 21.03" W

- In-state Source County and Amount of Waste in Tons



Permit Issuance Date: April 24, 1994
 Permitted Airspace: 1,830,679 yd³
 Estimated Remaining Airspace: 1,192,567 yd³
 Estimated Remaining Life: 14 years
 Total Waste Received: 62,612 tons
 Out-of-State Waste: 8,126 tons (12.98%)
 Sources of Out-of-State Waste: AL (12.98%)

PINE RIDGE SANITARY LANDFILL

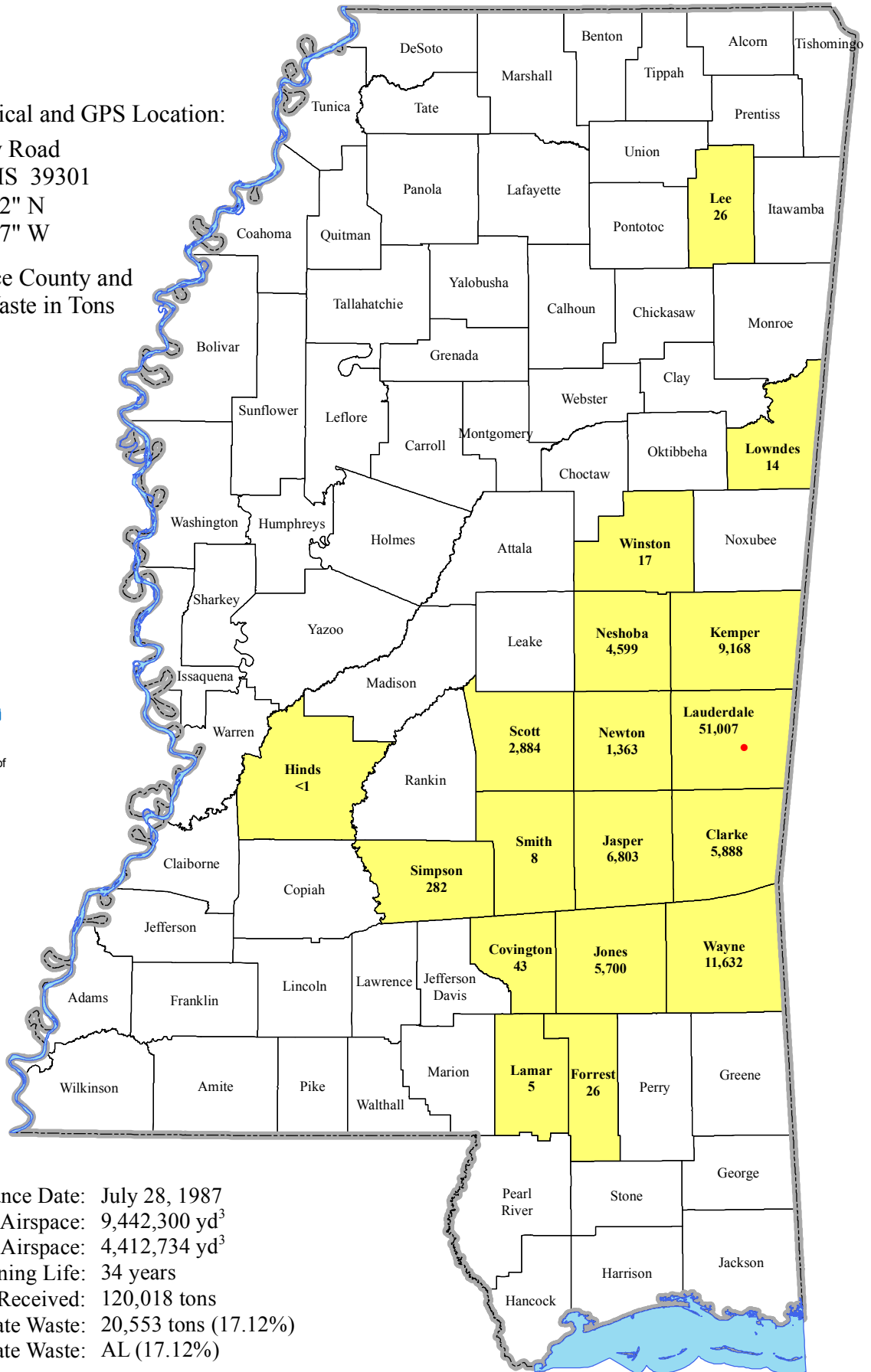
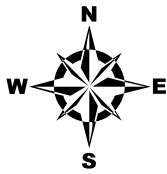
Waste Management of Mississippi, Inc.

- Landfill Physical and GPS Location:

520 Murphy Road
Meridian, MS 39301
32° 22' 31.02" N
88° 36' 36.07" W



In-state Source County and Amount of Waste in Tons



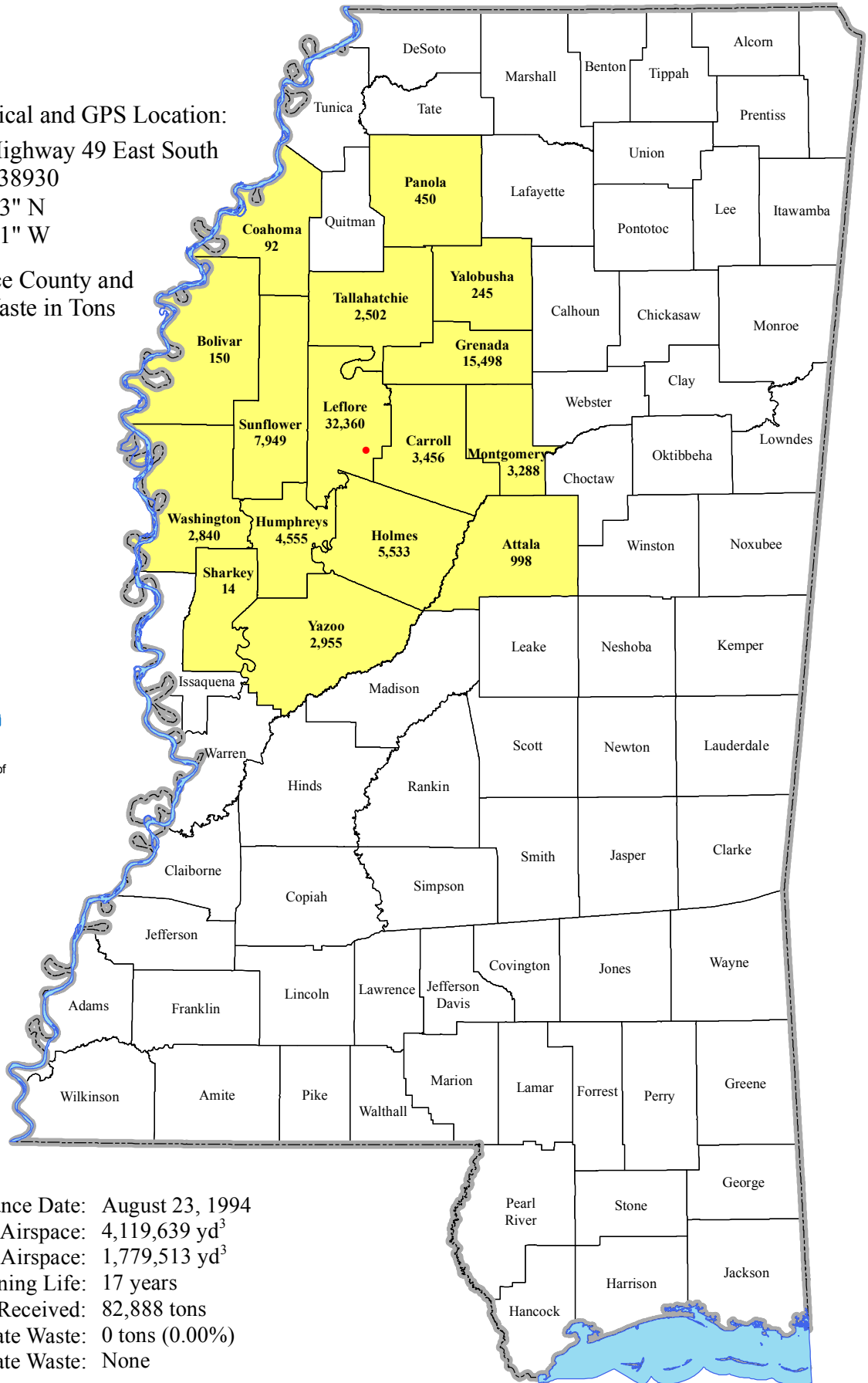
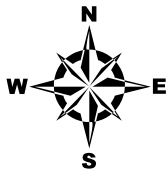
Permit Issuance Date: July 28, 1987
 Permitted Airspace: 9,442,300 yd³
 Estimated Remaining Airspace: 4,412,734 yd³
 Estimated Remaining Life: 34 years
 Total Waste Received: 120,018 tons
 Out-of-State Waste: 20,553 tons (17.12%)
 Sources of Out-of-State Waste: AL (17.12%)

LEFLORE COUNTY MUNICIPAL SOLID WASTE LANDFILL

Leflore County Board of Supervisors
operated by Waste Connections, Inc.

- Landfill Physical and GPS Location:
15200 US Highway 49 East South Sidon, MS 38930
33° 26' 44.03" N
90° 12' 28.01" W

 In-state Source County and Amount of Waste in Tons



Permit Issuance Date: August 23, 1994
 Permitted Airspace: 4,119,639 yd³
 Estimated Remaining Airspace: 1,779,513 yd³
 Estimated Remaining Life: 17 years
 Total Waste Received: 82,888 tons
 Out-of-State Waste: 0 tons (0.00%)
 Sources of Out-of-State Waste: None

CANTON SANITARY LANDFILL

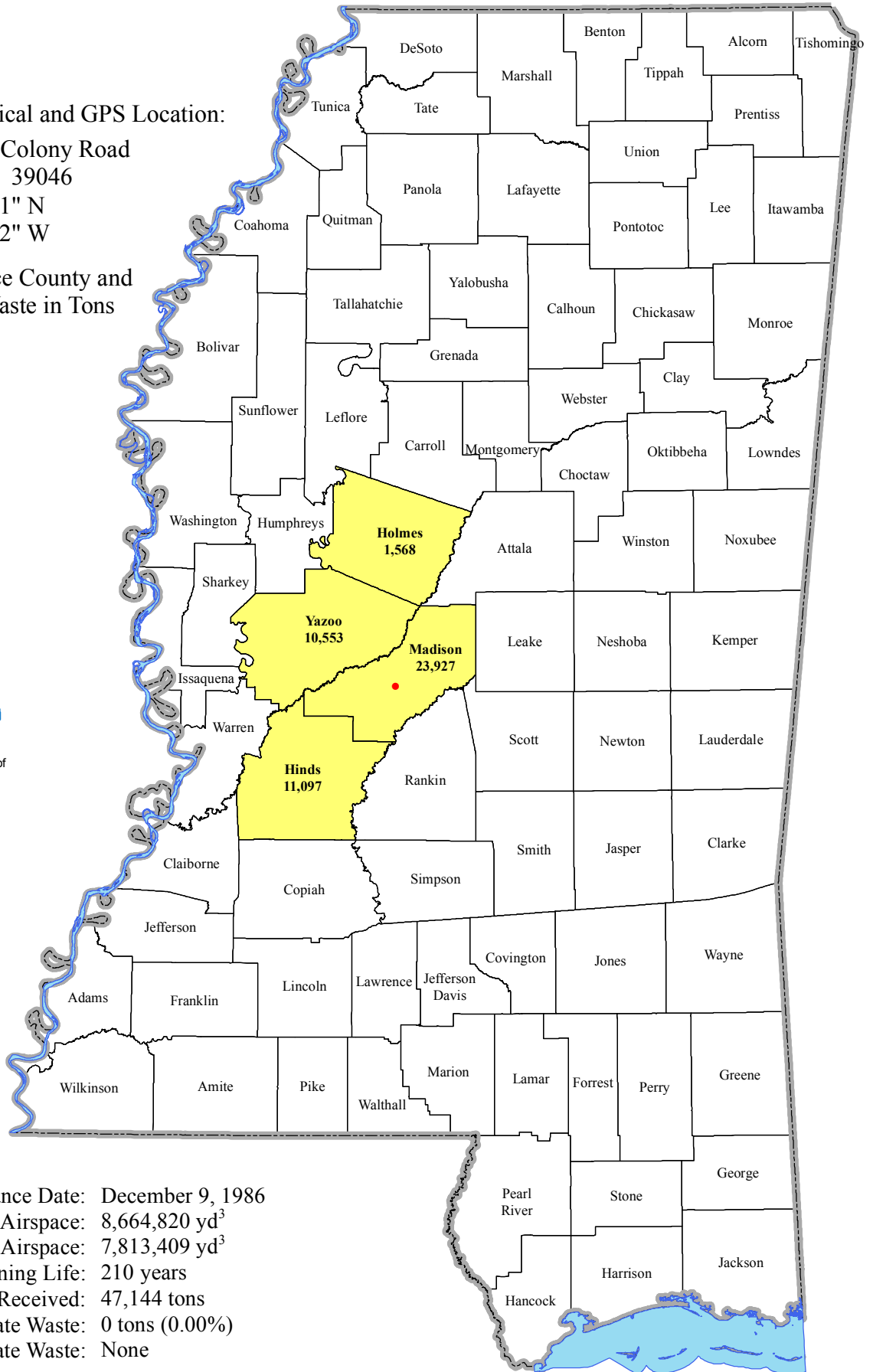
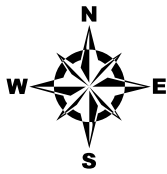
City of Canton

- Landfill Physical and GPS Location:

303 Soldier Colony Road
 Canton, MS 39046
 32° 35' 49.01" N
 90° 03' 59.02" W



In-state Source County and Amount of Waste in Tons



Permit Issuance Date: December 9, 1986
 Permitted Airspace: 8,664,820 yd³
 Estimated Remaining Airspace: 7,813,409 yd³
 Estimated Remaining Life: 210 years
 Total Waste Received: 47,144 tons
 Out-of-State Waste: 0 tons (0.00%)
 Sources of Out-of-State Waste: None

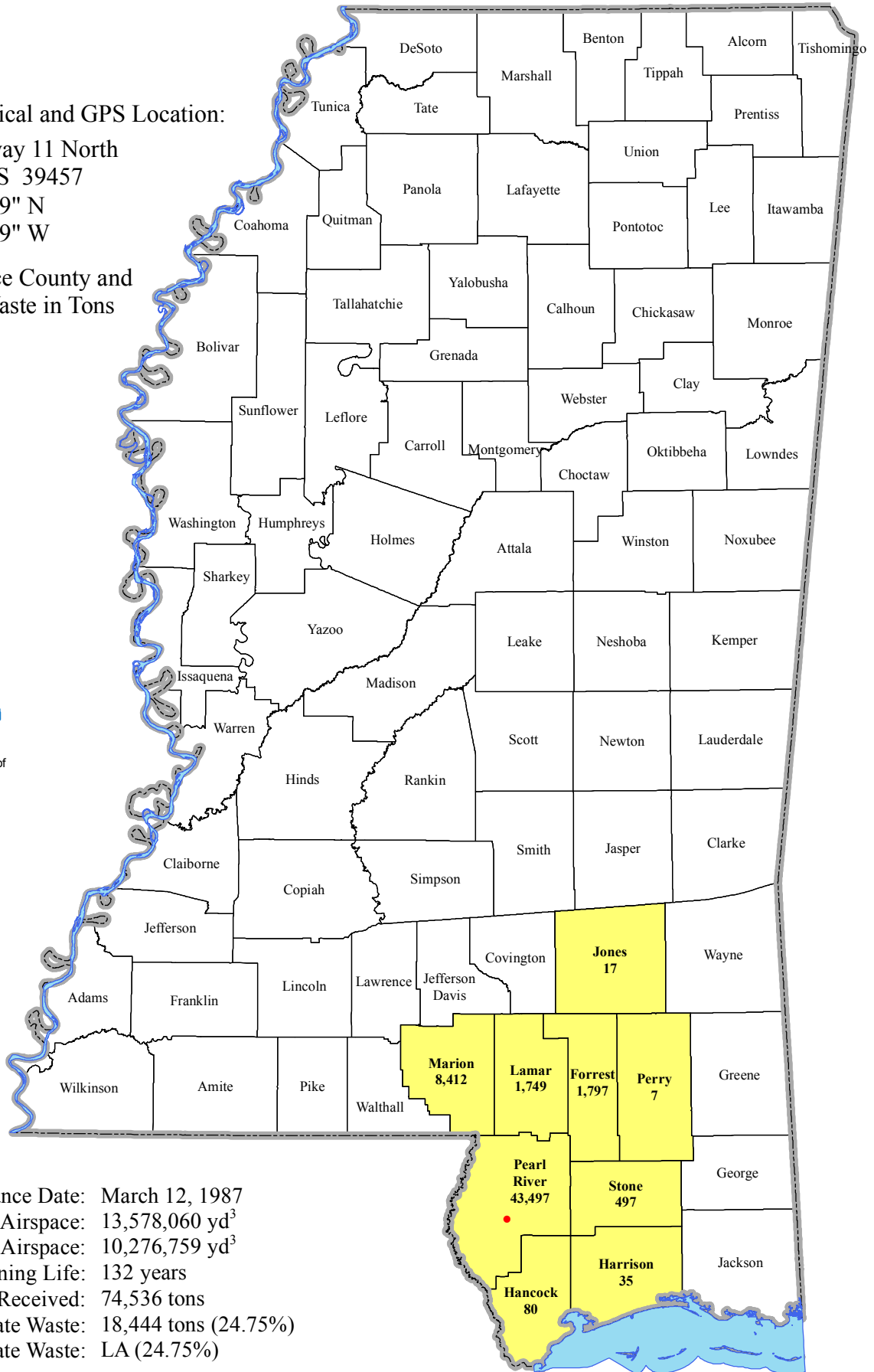
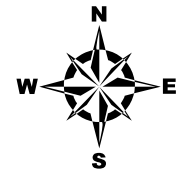
CENTRAL LANDFILL

TransAmerican Waste Central Landfill, Inc.
a subsidiary of Waste Management of Mississippi, Inc.

- Landfill Physical and GPS Location:

8680 Highway 11 North
McNeill, MS 39457
30° 42' 26.89" N
89° 36' 08.89" W

- In-state Source County and Amount of Waste in Tons



Permit Issuance Date: March 12, 1987
 Permitted Airspace: 13,578,060 yd³
 Estimated Remaining Airspace: 10,276,759 yd³
 Estimated Remaining Life: 132 years
 Total Waste Received: 74,536 tons
 Out-of-State Waste: 18,444 tons (24.75%)
 Sources of Out-of-State Waste: LA (24.75%)

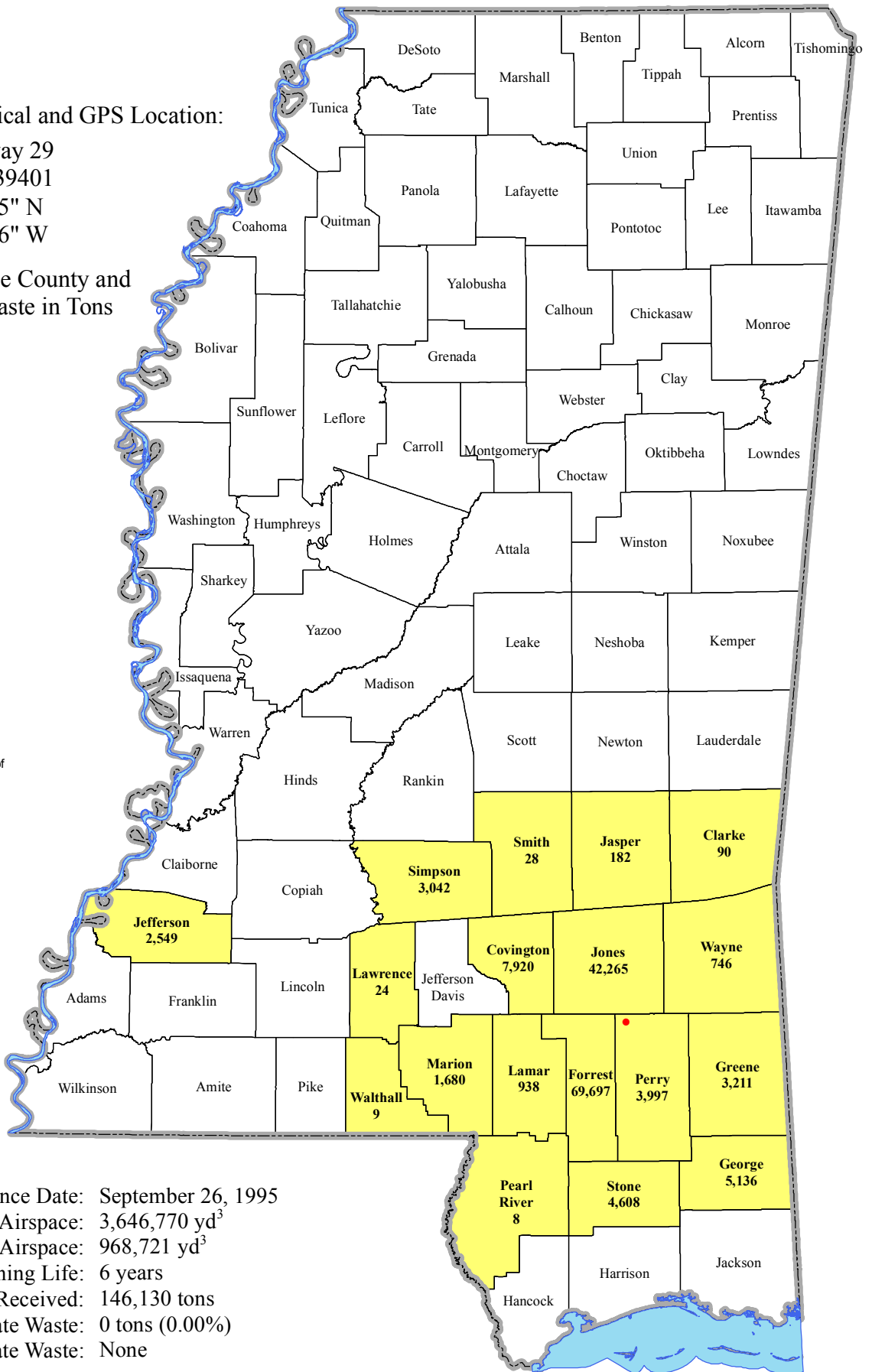
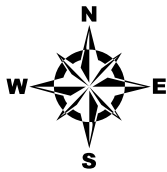
PINE BELT REGIONAL LANDFILL

Pine Belt Solid Waste Management Authority

- Landfill Physical and GPS Location:

5274 Highway 29
 Ovett, MS 39401
 31° 24' 19.05" N
 89° 06' 05.06" W

 In-state Source County and Amount of Waste in Tons



Permit Issuance Date: September 26, 1995
 Permitted Airspace: 3,646,770 yd³
 Estimated Remaining Airspace: 968,721 yd³
 Estimated Remaining Life: 6 years
 Total Waste Received: 146,130 tons
 Out-of-State Waste: 0 tons (0.00%)
 Sources of Out-of-State Waste: None

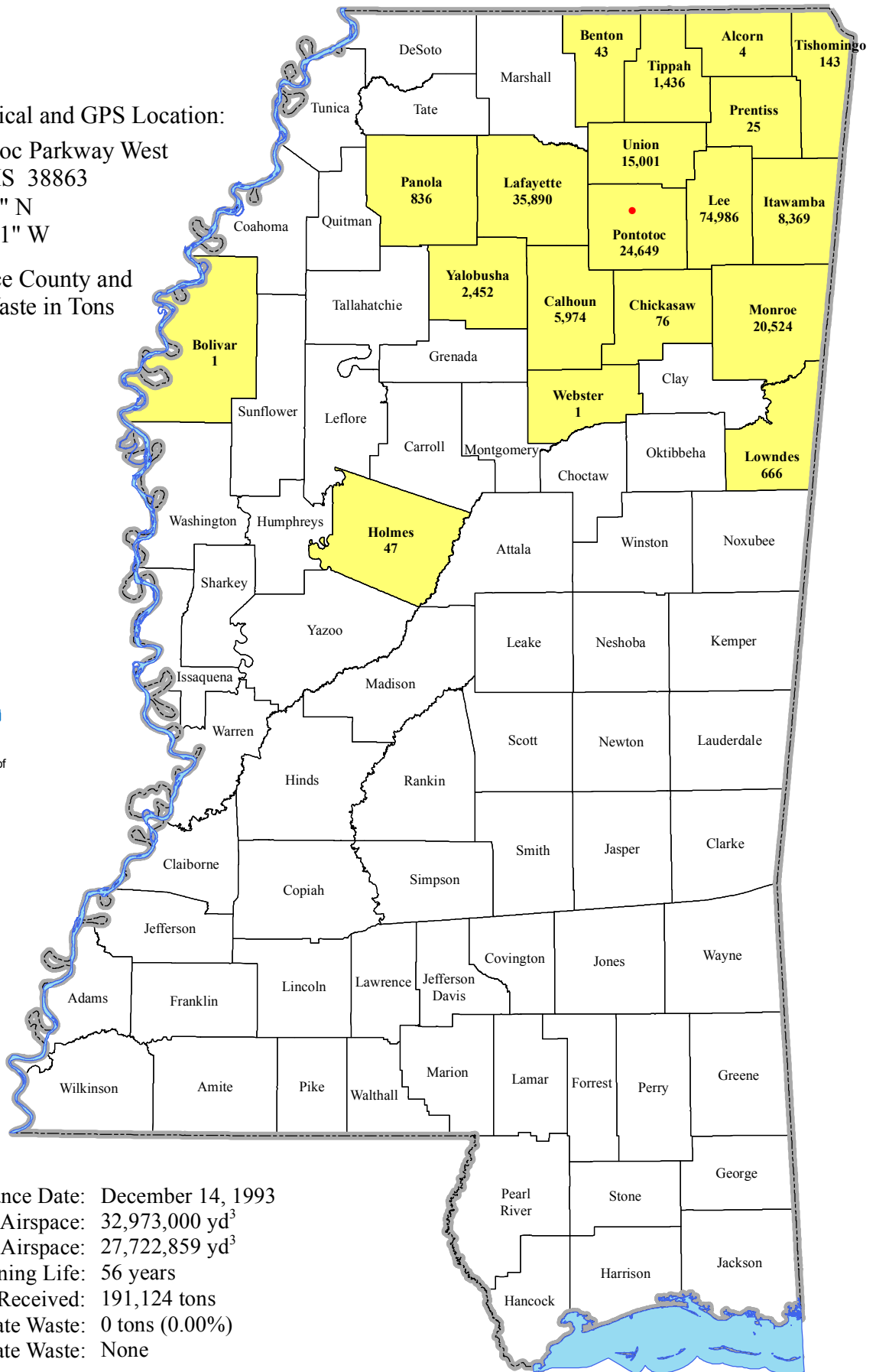
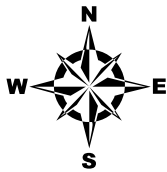
THREE RIVERS REGIONAL LANDFILL

Three Rivers Regional Solid Waste Management Authority
operated by Waste Connections, Inc.

- Landfill Physical and GPS Location:

1904 Pontotoc Parkway West
Pontotoc, MS 38863
34° 17' 7.86" N
89° 03' 32.51" W

 In-state Source County and Amount of Waste in Tons



Permit Issuance Date: December 14, 1993
 Permitted Airspace: 32,973,000 yd³
 Estimated Remaining Airspace: 27,722,859 yd³
 Estimated Remaining Life: 56 years
 Total Waste Received: 191,124 tons
 Out-of-State Waste: 0 tons (0.00%)
 Sources of Out-of-State Waste: None

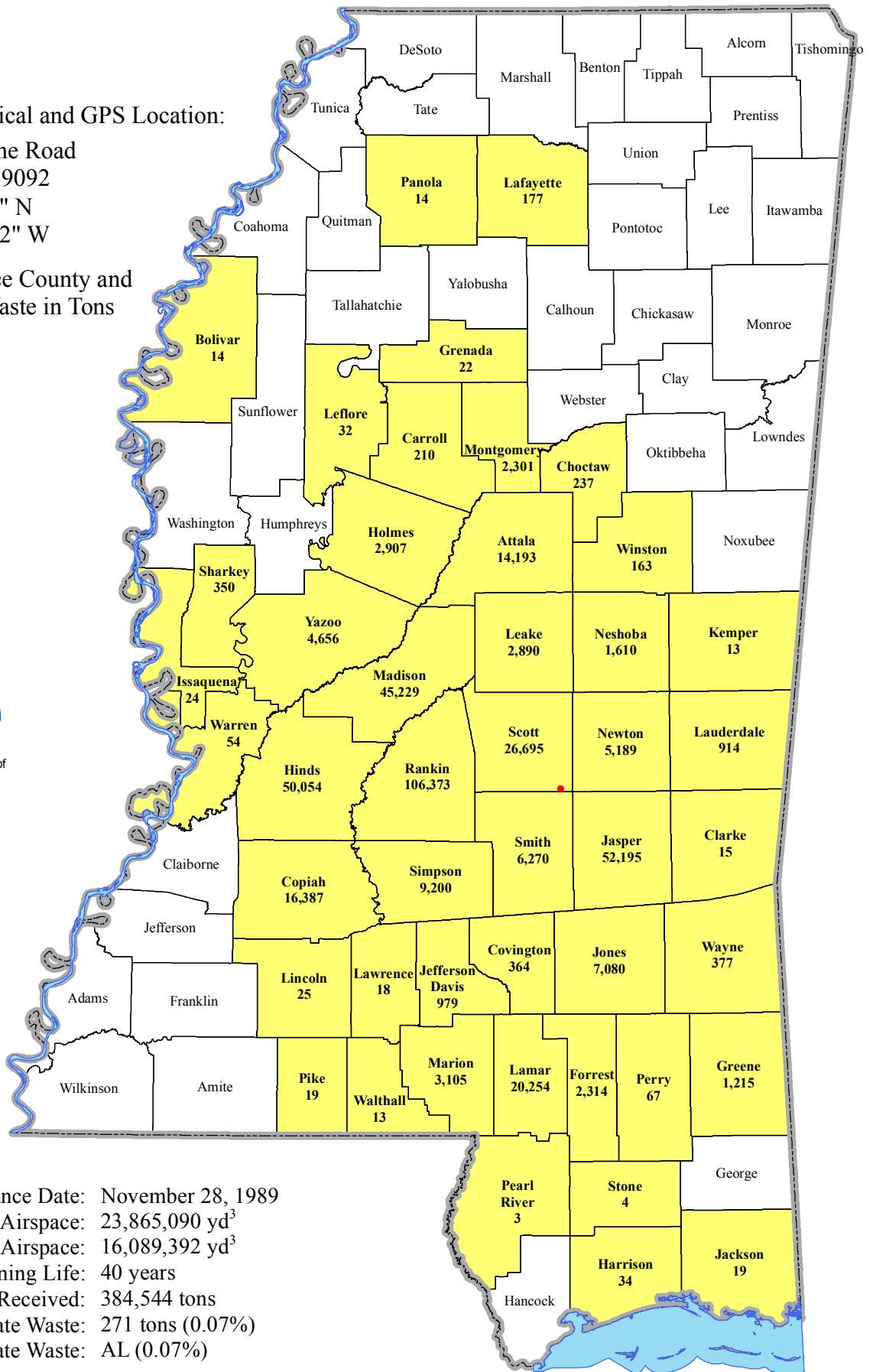
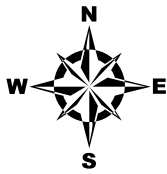
CLEARVIEW ENVIRONMENTAL CONTROL FACILITY

Chambers of Mississippi, Inc.

- Landfill Physical and GPS Location:

2253 Mudline Road
 Lake, MS 39092
 32° 14' 7.02" N
 89° 22' 20.02" W

 In-state Source County and Amount of Waste in Tons



Permit Issuance Date: November 28, 1989
 Permitted Airspace: 23,865,090 yd³
 Estimated Remaining Airspace: 16,089,392 yd³
 Estimated Remaining Life: 40 years
 Total Waste Received: 384,544 tons
 Out-of-State Waste: 271 tons (0.07%)
 Sources of Out-of-State Waste: AL (0.07%)

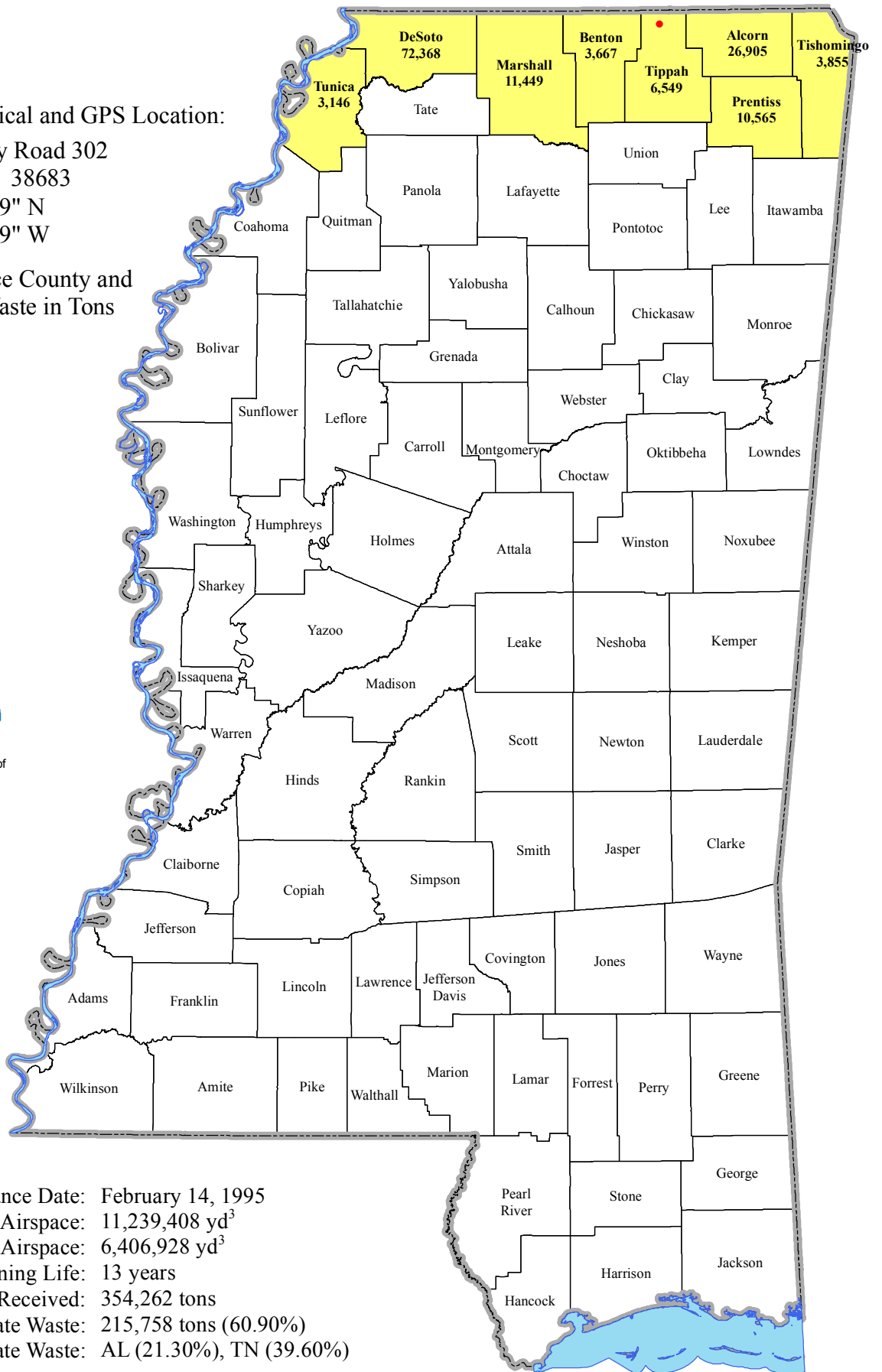
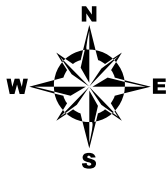
NORTHEAST MISSISSIPPI REGIONAL LANDFILL

Northeast Mississippi Solid Waste Management Authority
operated by Waste Connections, Inc.

- Landfill Physical and GPS Location:

2941 County Road 302
Walnut, MS 38683
34° 56' 51.69" N
88° 56' 15.89" W

 In-state Source County and Amount of Waste in Tons



Permit Issuance Date: February 14, 1995
 Permitted Airspace: 11,239,408 yd³
 Estimated Remaining Airspace: 6,406,928 yd³
 Estimated Remaining Life: 13 years
 Total Waste Received: 354,262 tons
 Out-of-State Waste: 215,758 tons (60.90%)
 Sources of Out-of-State Waste: AL (21.30%), TN (39.60%)

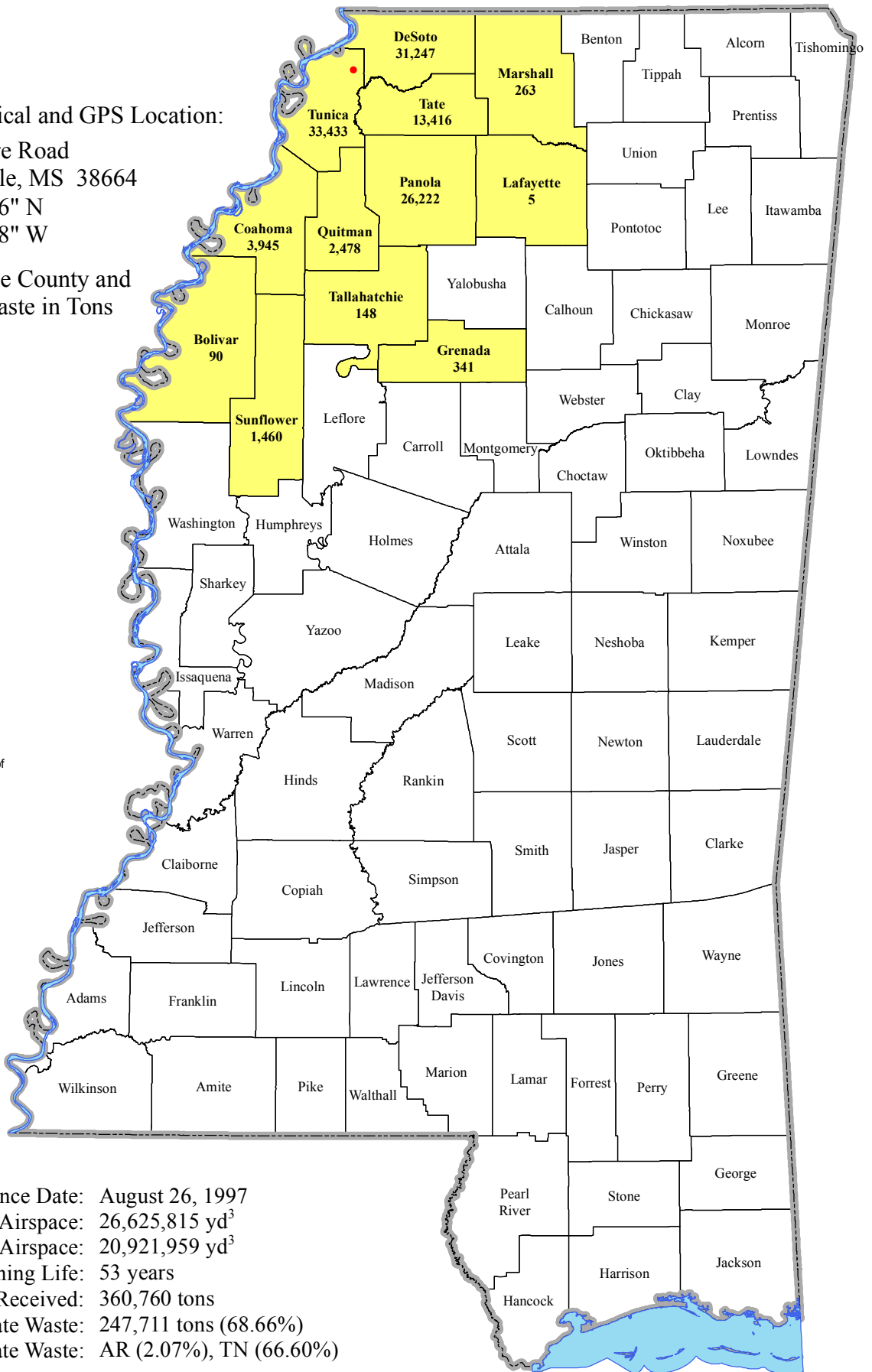
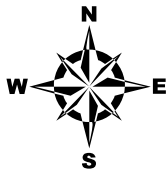
TUNICA COUNTY LANDFILL

Waste Management of Tunica Landfill, Inc.

- Landfill Physical and GPS Location:

6035 Bowdre Road
 Robinsonville, MS 38664
 34° 47' 15.06" N
 90° 14' 53.88" W

 In-state Source County and Amount of Waste in Tons



Permit Issuance Date: August 26, 1997
 Permitted Airspace: 26,625,815 yd³
 Estimated Remaining Airspace: 20,921,959 yd³
 Estimated Remaining Life: 53 years
 Total Waste Received: 360,760 tons
 Out-of-State Waste: 247,711 tons (68.66%)
 Sources of Out-of-State Waste: AR (2.07%), TN (66.60%)

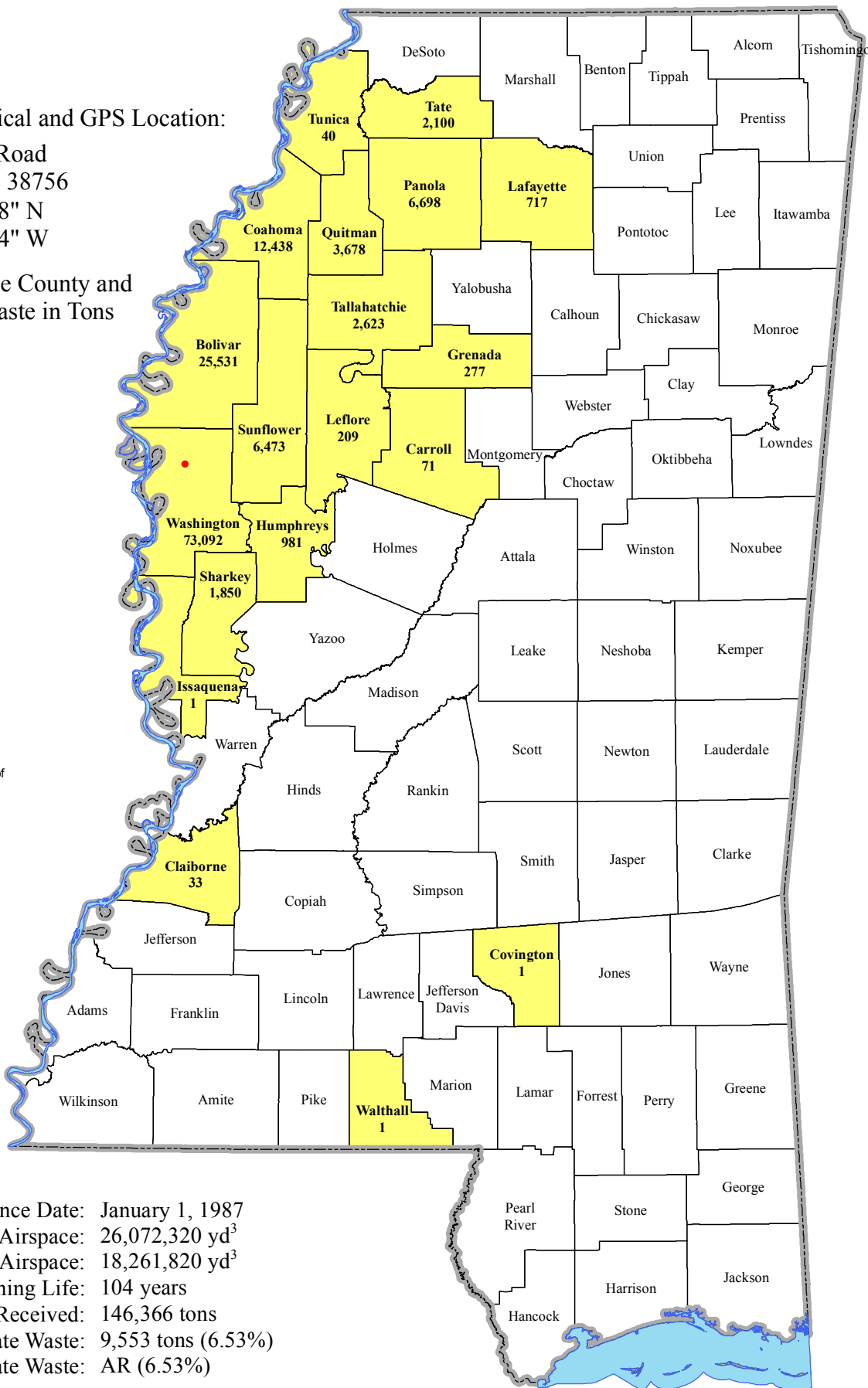
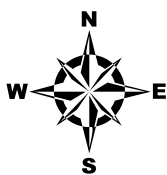
BIG RIVER LANDFILL

BFI Waste Systems of Mississippi, LLC

- Landfill Physical and GPS Location:

52 Landfill Road
 Leland, MS 38756
 33° 24' 22.68" N
 90° 57' 38.34" W

 In-state Source County and Amount of Waste in Tons



Permit Issuance Date: January 1, 1987
 Permitted Airspace: 26,072,320 yd³
 Estimated Remaining Airspace: 18,261,820 yd³
 Estimated Remaining Life: 104 years
 Total Waste Received: 146,366 tons
 Out-of-State Waste: 9,553 tons (6.53%)
 Sources of Out-of-State Waste: AR (6.53%)

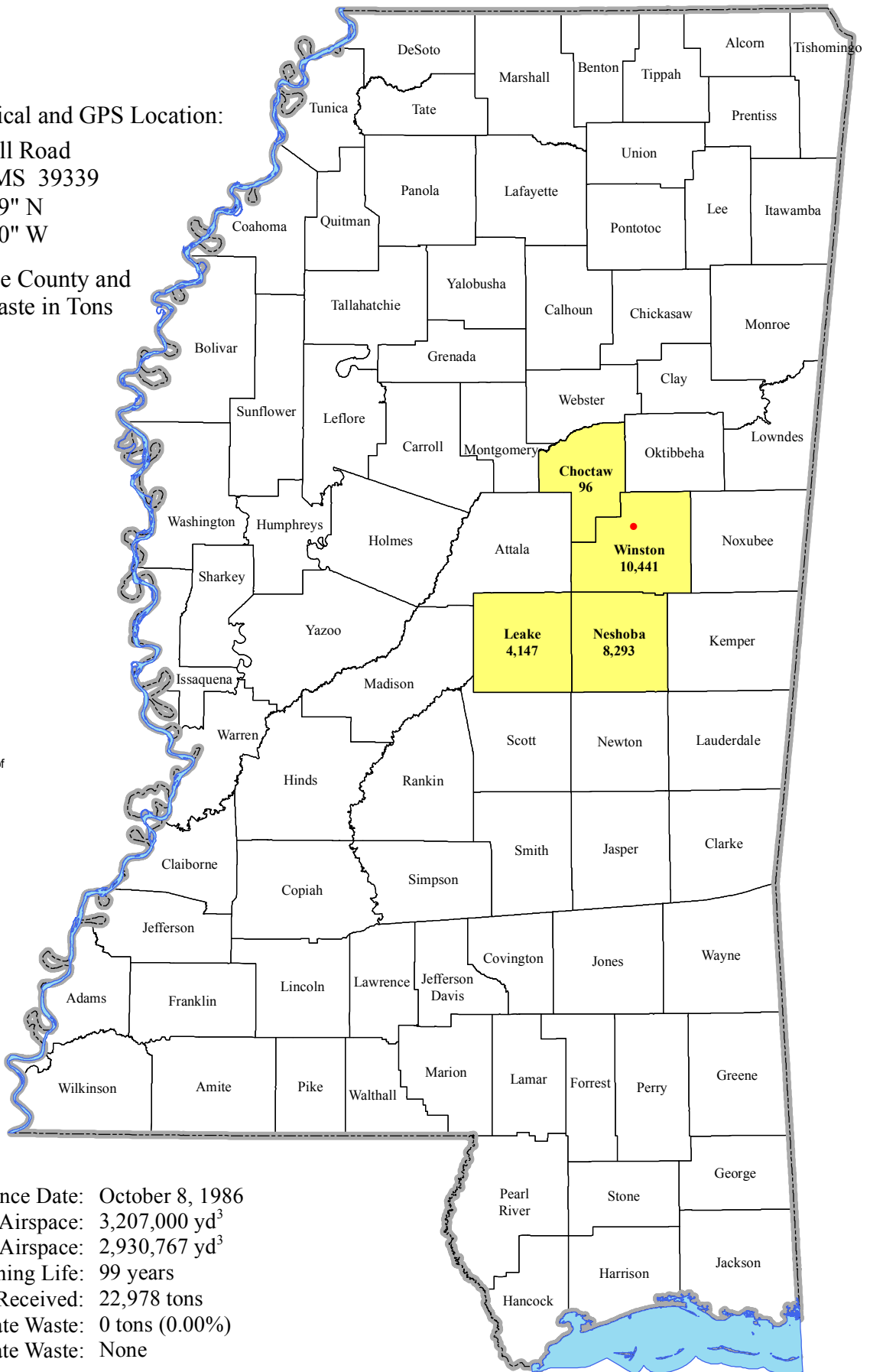
LOUISVILLE LANDFILL

City of Louisville

- Landfill Physical and GPS Location:

3698 Landfill Road
 Louisville, MS 39339
 33° 09' 55.59" N
 89° 03' 20.80" W

 In-state Source County and Amount of Waste in Tons



Permit Issuance Date: October 8, 1986
 Permitted Airspace: 3,207,000 yd³
 Estimated Remaining Airspace: 2,930,767 yd³
 Estimated Remaining Life: 99 years
 Total Waste Received: 22,978 tons
 Out-of-State Waste: 0 tons (0.00%)
 Sources of Out-of-State Waste: None

NON-MUNICIPAL SOLID WASTE (NON-MSW) LANDFILLS

Non-MSW Landfills are commercial disposal facilities that are designed and constructed to receive a limited range of nonhazardous solid wastes including industrial sludges, ashes, and other process wastes or special wastes, such as asbestos, for disposal. These landfills generally receive waste from either one primary industrial source or receive one primary waste stream. These facilities are not authorized to accept household garbage or other similar wastes. There were 4 permitted non-MSW landfills during Calendar Year 2013. According to the submitted annual reports, the 2 active non-MSW landfills disposed of a total of 1,710 tons of solid waste.

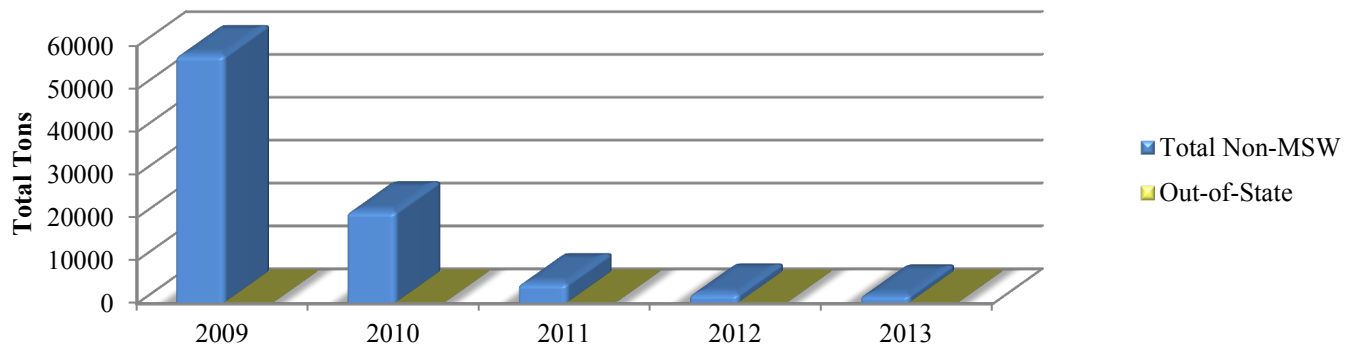
The annual report on the solid waste disposal activities conducted at each non-MSW landfill is required by the Mississippi Code Annotated §17-17-219 and Rule 1.4.B.(15) of the Mississippi Nonhazardous Solid Waste Management Regulations. This report contains a summary of these individual facility reports as provided by the facility owners. The report includes the following information:

1. A state map showing the locations of non-MSW landfills; and
2. A summary of operational information contained in the individual annual reports for Calendar Year 2013 for non-MSW landfills. The information is listed alphabetically by the County in which the landfill is located.

Non-MSW Landfill Disposal Trends

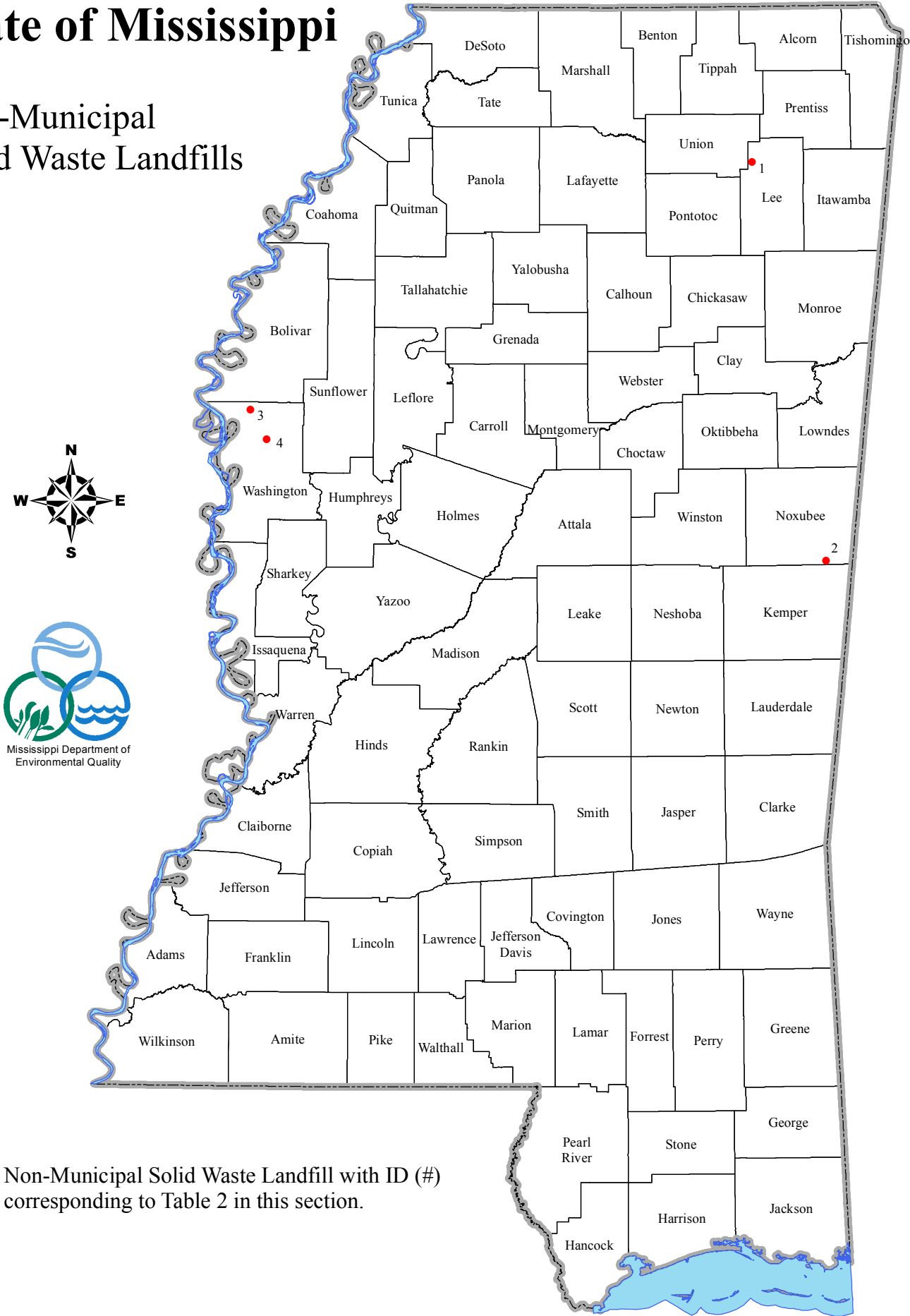
Data in this report indicates that during 2013, Mississippi Non-MSW landfills received 1,710 tons less solid waste for disposal than during Calendar Year 2012 (see [Figure 10](#)).

FIGURE 10



State of Mississippi

Non-Municipal Solid Waste Landfills



- Non-Municipal Solid Waste Landfill with ID (#) corresponding to Table 2 in this section.

TABLE 2
Disposal Information on Non-Municipal Solid Waste Landfills
Calendar Year 2013

(I) ID	(II) County	(III) Name of Facility	(IV) Owner	(V) Permitted Acreage	(VI) Total Waste Received		(VII) Out of State Waste Received		(VIII) Est. Life Remaining years
					tons/year	tons/year	%		
1	Lee	TMCO Landfill	Tim May Company Inc.	4	INACTIVE			10	
2	Noxubee	Robo Asbestos Landfill	Bosarge & Edmonds Cont. Inc.	14	221	0	0.00	15	
3	Washington	Branco Landfill	Nolan Branton	25	1,489	0	0.00	15	
4	Washington	LMI Landfill	Landfill Management Inc.	3	INACTIVE			58	

Total

1,710	0	0.00
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CLASS I AND CLASS II RUBBISH SITES

Class I and Class II Rubbish Sites are commercial disposal facilities that are designed and constructed to receive rubbish wastes from a variety of sources. Rubbish is a subset of the overall municipal solid waste stream generated in the State of Mississippi that includes non-putrescible types of wastes. A significant amount of rubbish waste is managed and disposed of each year at commercial rubbish disposal facilities across the state.

Class I Rubbish Sites

Class I rubbish sites may accept those solid wastes that are defined as rubbish wastes. These wastes generally include the following materials:

- construction and demolition debris;
- brick, mortar, concrete, stone, and asphalt;
- cardboard;
- natural vegetation;
- appliances which have had the motor removed (except refrigerators and air conditioners);
- furniture;
- plastic, glass, crockery, and metal (except containers); and
- sawdust, wood shavings, and wood chips.

There were 82 permitted commercial class I rubbish sites during Calendar Year 2013. According to the submitted annual reports, the 69 active class I rubbish sites disposed of a total of 1,001,971 tons of rubbish wastes (12 sites were inactive and 1 did not report).

Class II Rubbish Sites

Class II rubbish sites may accept limited types of inert rubbish wastes. These inert wastes include natural vegetation, brick, mortar, concrete, stone, and asphalt.

There were 66 permitted commercial class II rubbish sites during Calendar Year 2013. According to the submitted annual reports, the 53 active class II rubbish sites disposed of a total of 92,830 tons of rubbish wastes (10 sites were inactive and 3 did not report).

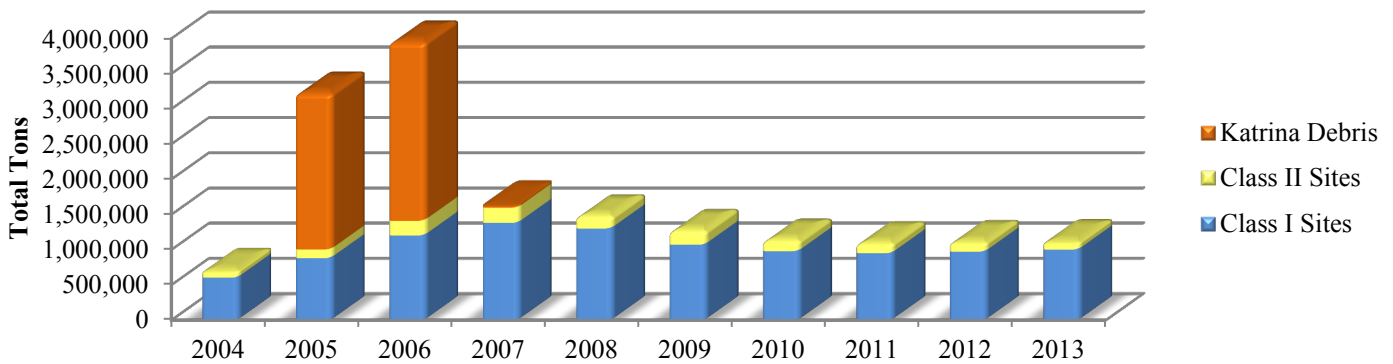
An annual report on the solid waste disposal activity conducted at each rubbish site is required by the Mississippi Code Annotated §17-17-219, Rule 1.6.E(17) of the Mississippi Nonhazardous Solid Waste Management Regulations, ACT 7.S-1 of Statewide General Permit No. SWGP-R1 for class I rubbish sites, and ACT 7.S-1 of Statewide General Permit No. SWGP-R2 for class II rubbish sites. This report contains a summary of information from these facility reports as provided by the facility owners. The report includes the following information:

1. A state map showing the locations of the permitted class I rubbish sites;
2. A summary of the information provided by rubbish site owners in the individual annual reports for Calendar Year 2013 for the permitted class I rubbish sites. The information is listed alphabetically by the County in which the site is located;
3. A state map showing the locations of the permitted class II rubbish sites; and
4. A summary of the information provided by rubbish site owners in the individual annual reports for Calendar Year 2013 for the permitted class II rubbish sites. The information is listed alphabetically by the County in which the site is located.

Commercial Rubbish Disposal Trends

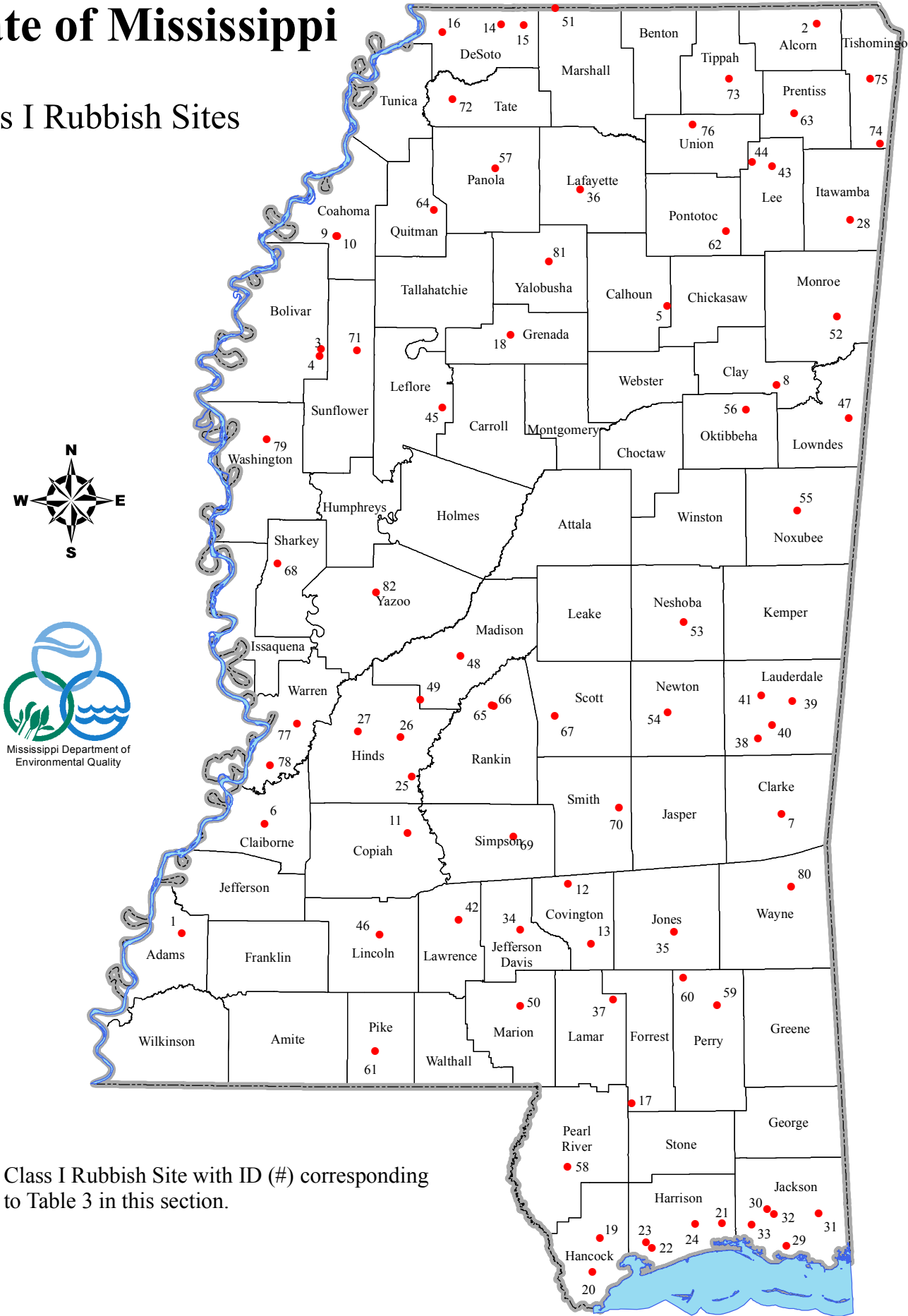
Data in this report indicates that during 2013, commercial rubbish sites received 5,172 tons more rubbish for disposal than during Calendar Year 2012 (see Figure 11).

FIGURE 11



State of Mississippi

Class I Rubbish Sites



• Class I Rubbish Site with ID (#) corresponding to Table 3 in this section.

TABLE 3
Disposal Information on Permitted Class I Rubbish Sites
Calendar Year 2013

(I) ID	(II) County	(III) Name of Facility	(IV) Owner	(V) Permitted Acreage	(VI) Total Waste Received		(VII) Out of State Waste Received		(VIII) Est. Life Remaining		
					tons/year		tons/year	%	years	acres	
1	Adams	St. Catherine Rubbish Site	Triad Disposal Co.	27	12,738		534	4.19	60	22	
2	Alcorn	Alcorn Co. Rubbish Site	Alcorn Co. B.O.S.	15	2,010				1	1	
3	Bolivar	Bolivar Co. Rubbish Site	Bolivar Co. B.O.S.	23	7,840				2	2	
4	Bolivar	Joe Reed Rubbish Site	Joe Reed & Co., Inc.	15	9,351				9	10	
5	Calhoun	Blueberry Hill Rubbish Disposal	Waste Placement, Inc.	9	412				18		
6	Claiborne	Claiborne Co. Rubbish Site	Claiborne Co. B.O.S.	22	1,178				12	12.5	
7	Clarke	Clarke Co. Rubbish Site	Clarke Co. B.O.S.	27	1,667				3	3	
8	Clay	West Point Rubbish Site	City of West Point	18	1,462				50		
9	Coahoma	City of Clarksdale Rubbish Site	City of Clarksdale	18	INACTIVE						18
10	Coahoma	Clarksdale-Coahoma Rubbish Site	City of Clarksdale	16	4,746				1	0.5	
11	Copiah	Krystal Gravel Rubbish Site	Krystal Gravel, Inc	15	3,947					14.5	
12	Covington	Covington Co. Rubbish Site (N)	Covington Co. B.O.S.	4	1,006				4	0.5	
13	Covington	Covington Co. Rubbish Site (S)	Covington Co. B.O.S.	24	2,133				13	10	
14	DeSoto	DeSoto Co. Rubbish Pit	DeSoto Co. B.O.S.	38	60,242				2		
15	DeSoto	Railroad Ave. Disposal	Railroad Ave. Disposal, LLC	23	30,891		15,041	48.69	13		
16	DeSoto	Starlanding Rubbish Disposal	Unified Waste Sys., LLC	28	21,638		4,685	21.65	24	18	
17	Forrest	Fairley's Tire & Rubber Disposal	Wilford Fairley	25	2,321				9	18	
18	Grenada	Grenada Co. Rubbish Site	Grenada Co. B.O.S.	22	2,720				6		
19	Hancock	HCDC Rubbish Site	Hancock Co. Development Co.	50	INACTIVE						31
20	Hancock	King Rubbish Site	King Const. & Env. Serv. LLC	20	21,275		9,099	42.77	30		
21	Harrison	Coastal Recyclers Landfill	Advanced Disposal Services, Inc.	62	31,016				19	15	
22	Harrison	Firetower Landfill	Firetower Landfill, LLC	36	21,141				15	19	
23	Harrison	Pecan Grove Rubbish Site	Waste Mgt. of MS, Inc.	100	INACTIVE						99.5
24	Harrison	S&S Enterprises Rubbish Site	S&S Enterprises, Inc	12	INACTIVE						12
25	Hinds	City of Jackson Rubbish Site	City of Jackson	63	15,126						
26	Hinds	Faircloth Rubbish Landfill	Faircloth Rubbish LF, Inc	26	42,361				9	12	
27	Hinds	Mid-South Recycling & Disposal	Danny Plunkett	12	DID NOT REPORT						
28	Itawamba	Tilden-Clay Rd. Rubbish Landfill	Oxford Landfill Mgt. Inc.	5	INACTIVE						3.8
29	Jackson	Applewhite Rubbish Site	Applewhite Recycling Sys., LLC	18	67,072				1	1	
30	Jackson	John Ward Rubbish Site	John Ward	40	1,830				20	35	
31	Jackson	MacLand II Rubbish Site	MacLand Disposal Inc. II	55	22,414				5	2.1	
32	Jackson	Talley Disposal	Talley Disposal, LLC	25	47,138				20	12	
33	Jackson	West Jackson Co. (Seaman Rd.)	Jackson Co. B.O.S.	39	24,035				29	18	
34	Jeff. Davis	Jeff. Davis Co. Rubbish Landfill	Jefferson Davis Co. B.O.S.	7	2,885				30	3.6	
35	Jones	Randy-Danny Rubbish Site	Randy-Danny, Inc.	11	21,117				1	1.1	
36	Lafayette	Oxford Rubbish Site	City of Oxford	15	3,401				9		
37	Lamar	Oak Grove Rubbish Site	Trashhunter's, Inc.	30	89,063				18	7	
38	Lauderdale	G & G Construction Rubbish Site	G & G Construction, Inc.	1	INACTIVE						0.75
39	Lauderdale	H.E. Mosley Rubbish Site	Phillip L. Mosley	5	3,897				2	2.5	
40	Lauderdale	Waste Pro Meridian I Rubbish Site	Waste Pro Meridian L'fill I, LLC	42	45,009		305	0.68	20	34	
41	Lauderdale	Waste Pro Meridian II Rubbish Site	Waste Pro Meridian L'fill II, LLC	15	INACTIVE						5.3

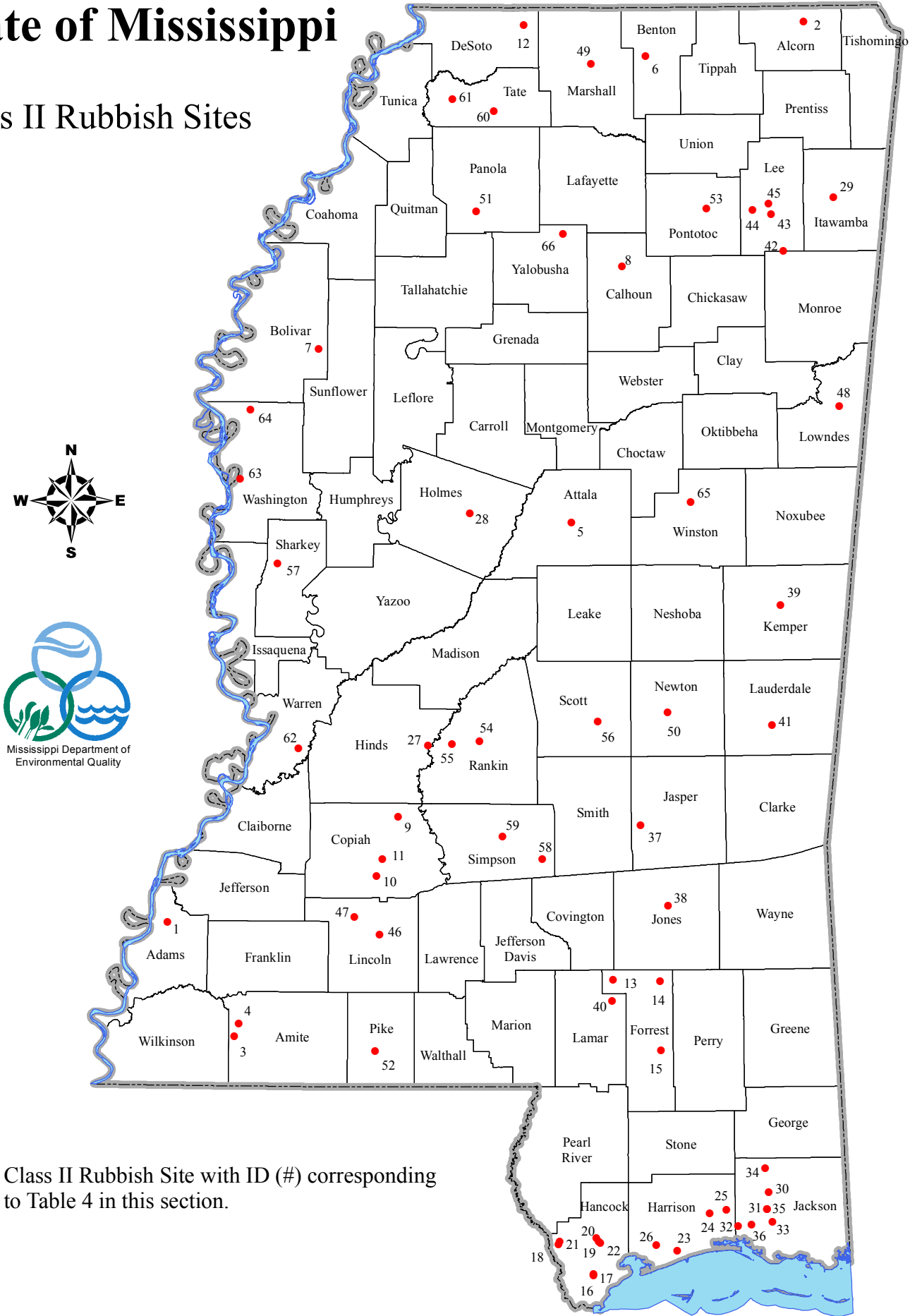
TABLE 3
Disposal Information on Permitted Class I Rubbish Sites
Calendar Year 2013

(I) ID	(II) County	(III) Name of Facility	(IV) Owner	(V) Permitted Acreage	(VI) Total Waste Received		(VII) Out of State Waste Received		(VIII) Est. Life Remaining	
					tons/year		tons/year	%	years	acres
42	Lawrence	Lawrence Co. Rubbish Site	Lawrence Co. B.O.S.	4	1,254				9	1.6
43	Lee	Mac's Tire Recyclers, Inc.	MTR Acquisition, Inc.	28	INACTIVE					
44	Lee	TMCO Rubbish Site	Tim May Company, Inc.	30	57,779				22	16
45	Leflore	Leflore County Rubbish Site	Leflore Co. B.O.S.	12	100					
46	Lincoln	Brookhaven Rubbish Site	City of Brookhaven	10	2,706				2	1.2
47	Lowndes	Columbus Rubbish Site	City of Columbus	16	21,774				0	
48	Madison	Canton Rubbish Site	City of Canton	37	12,427				31	9.5
49	Madison	Madison South Rubbish Landfill	Madison South Rubbish L'fill, Inc.	40	35,856				81	38
50	Marion	Columbia Rubbish Site	City of Columbia	19	8,581				10	9
51	Marshall	Quad County Landfill	Quad Co. Env. Solutions, LLC	38	INACTIVE					38
52	Monroe	Monroe Co. Rubbish Site	Monroe Co. B.O.S.	23	7,826				5	7
53	Neshoba	Neshoba Co. Rubbish Site	Neshoba Co. B.O.S.	46	3,621				12	
54	Newton	Newton Co. Rubbish Site	Newton Co. B.O.S.	45	26,599				5	
55	Noxubee	Macon Rubbish Site	City of Macon	14	312					
56	Oktibbeha	Starkville Rubbish Site	City of Starkville	22	27,745				14	
57	Panola	Sardis Rubbish Site	City of Sardis	9	455				8	
58	Pearl River	Central Landfill Rubbish Site	TransAmerican Waste, Inc.	6	INACTIVE					
59	Perry	Perry Co. Rubbish Site	Perry Co. B.O.S.	8	706				9	1.2
60	Perry	Pine Belt Regional Rubbish Site	Pine Belt Reg. SWMA	11	2,676				36	
61	Pike	Magnolia Rubbish Site	Magnolia Landfill, LLC	4	3,372				5	1.4
62	Ponotoc	RES Rubbish Site (Woodland)	Resourceful Env. Services, Inc.	25	9,921				35	19
63	Prentiss	Prentiss Co. Rubbish Site	Prentiss Co. B.O.S.	10	8,208				10	
64	Quitman	MLO Rubbish Site	MS Landfill Operations, LLC	4	INACTIVE					
65	Rankin	Mt. Helms Road Rubbish Site	Southern Env. Group Inc.	50	11,860				17	40
66	Rankin	SEA-1 Rubbish Site	Southern Env. Assoc. Inc.	11	3,468				11	1.1
67	Scott	Morton Rubbish Site	City of Morton	4	188				54	2.6
68	Sharkey	Sharkey Co. Rubbish Site	Sharkey Co. B.O.S.	3	6,147				13	1.3
69	Simpson	SCRSWMA Rubbish Site	South Central Reg. SWMA	2	9,381				4	0.5
70	Smith	Houston Resources Rubbish Site	Joseph Houston, II	14	244				62	
71	Sunflower	RES Rubbish Site (Ruleville)	Resourceful Env. Services, Inc.	25	INACTIVE					25
72	Tate	Tate Co. Rubbish Site	Tate Co. B.O.S.	13	9,859				20	13
73	Tippah	RES Rubbish Site	Resourceful Env. Services, Inc.	72	19,165				41	42
74	Tishomingo	Belmont Homes Landfill	Belmont Homes Landfill, Inc.	35	16,620	13,350	80.32		24	
75	Tishomingo	Tishomingo Co. Rubbish Site	Tishomingo Co. B.O.S.	20	875				95	6.5
76	Union	New Albany Pumkin Center	City of New Albany	47	18,396				8	
77	Warren	Warren Co. Landfill Rub. Site	Vicksburg Warren Co. L'fil	10	9,749				17	5.5
78	Warren	Warren Co. Waste Control	Warren Co. Waste Control	23	1,610	195	12.11			
79	Washington	LMI Rubbish Site	Landfill Mgt., Inc.	54	30,532				75	
80	Wayne	Waynesboro Landfill 2	City of Waynesboro	11	2,910				30	10
81	Yalobusha	Yalobusha Co. Rubbish Site	Yalobusha Co. B.O.S.	10	1,630					9
82	Yazoo	Yazoo City Rubbish Pit	City of Yazoo City	36	2,337				36	

Total **1,001,971** **43,209** **4.31**

State of Mississippi

Class II Rubbish Sites



● Class II Rubbish Site with ID (#) corresponding to Table 4 in this section.

TABLE 4
Disposal Information on Permitted Class II Rubbish Sites
Calendar Year 2013

(I) ID	(II) County	(III) Name of Facility	(IV) Owner	(V) Permitted Acreage	(VI) Total Waste Received		(VII) Out of State Waste Received		(VIII) Est. Life Remaining		
					tons/year		tons/year	%	years	acres	
1	Adams	Foster Mound Rubbish Site	Adams Co. B.O.S.	1	915				4		
2	Alcorn	Corinth Rubbish Site	City of Corinth	12	3,740				15	8	
3	Amite	Gloster Rubbish Site	Town of Gloster	2	25				1		
4	Amite	Town of Gloster Rubbish Site	Town of Gloster	3	7				20	3	
5	Attalla	Kosciusko Rubbish Site	City of Kosciusko	21	225				10	5	
6	Benton	Snow Lake Shores Rubbish Site	Town of Snow Lake Shores	5	11				18	1	
7	Bolivar	Joe Reed Rubbish Site	Joe Reed and Co, Inc.	8	372						
8	Calhoun	Bruce Rubbish Site	City of Bruce	10	50				3		
9	Copiah	Copiah Co. (Crystal Springs)	Copiah Co. B.O.S.	2	76				2	1	
10	Copiah	Copiah Co. (Martinsville)	Copiah Co. B.O.S.	1	289				5	2	
11	Copiah	Hazlehurst Rubbish Site	City of Hazlehurst	5	1,925				1	1	
12	DeSoto	Railroad Ave. Disposal	Railroad Ave. Disposal, LLC	9	703				19	9	
13	Forrest	Beat 2 Rubbish Site	Forrest Co. B.O.S.	18	553				2	2	
14	Forrest	Barrontown (Beat 3) Rubbish Site	Forrest Co. B.O.S.	26	2,435				2	1	
15	Forrest	McLaurin (Beat 4) Rubbish Site	Forrest Co. B.O.S.	3	6,830				2	1	
16	Hancock	Bayou La Croix Rubbish Site	Mitch Hardie	10	INACTIVE						10
17	Hancock	Boudin Rubbish Site	Boudin Envir. Services, LLC	40	360				25	30	
18	Hancock	Frierson Rubbish Site	Houston Frierson Jr.	24	INACTIVE						23
19	Hancock	Henley Pit #1 Rubbish Site	Charles Henley	17	324						
20	Hancock	Henley Pit #2 Rubbish Site	Charles Henley	9	INACTIVE						9
21	Hancock	Phillips 607 Rubbish Pit	Phillips Trucking Co.	8	DID NOT REPORT						
22	Hancock	Prince J. Ladner Rubbish Site	Prince J. Ladner Partnership	17	770				12	11	
23	Harrison	Canal Road Rubbish Site	City of Gulfport	6	11,451				39		
24	Harrison	D.W. Lamey Rubbish Site	D.W. Lamey Fill & Trucking	40	6,104				40	27	
25	Harrison	East Harrison Co. Rubbish Site	E. Harrison Co. Rubbish, LLC	20	DID NOT REPORT						
26	Harrison	Ray Rubbish Site	Dan Ray Const. Co.	8	332				3	7	
27	Hinds	APAC Meter Rd. Rubbish Site	APAC Mississippi, Inc.	7	1,155				7	3	
28	Holmes	Lexington Rubbish Site	City of Lexington	1	127				18		
29	Itawamba	Fulton Rubbish Site	City of Fulton	7	2,540				3	3	
30	Jackson	Henze Rubbish Site	Henze Enterprises, Inc.	17	1,681				14	12	
31	Jackson	John Ward Rubbish Site	John Ward	28	1,223				20	28	
32	Jackson	Lamey Pit Rubbish Site	Mabelle Lamey	17	2,523				10		
33	Jackson	Mallette Bros. Rubbish Site	Mallette Bros. Const. Co.	19	INACTIVE						2
34	Jackson	Schoolhouse Rd. Rubbish Site	Jackson Co. B.O.S.	14	2,989				28	13	
35	Jackson	SEB Mines Rubbish Site	SEB Mines Co.	5	INACTIVE						5
36	Jackson	West Jackson Co. (Seaman Rd.)	Jackson Co. B.O.S.	22	INACTIVE						20
37	Jasper	Bay Springs Rubbish Site	City of Bay Springs	5	150				9	2	
38	Jones	Laurel Rubbish Site	City of Laurel	27	6,230				39	15	
39	Kemper	DeKalb Rubbish Site	Town of DeKalb	4	367				24	2	
40	Lamar	Hover Gravel Rubbish Site	Hover Gravel Co.	30	525				30	20	
41	Lauderdale	Waste Pro Meridian I Rubbish Site	Waste Pro Meridian L'fill I, LLC	12	INACTIVE						2

TABLE 4
Disposal Information on Permitted Class II Rubbish Sites
Calendar Year 2013

(I) ID	(II) County	(III) Name of Facility	(IV) Owner	(V) Permitted Acreage	(VI) Total Waste Received		(VII) Out of State Waste Received		(VIII) Est. Life Remaining	
					tons/year		tons/year	%	years	acres
42	Lee	Nettleton Rub. Site No.1	Town of Nettleton	7	1,973				10	7
43	Lee	Red Oak Wood Waste/Recycling	City of Tupelo	10	INACTIVE					10
44	Lee	Tupelo CDF Rubbish Site	City of Tupelo	29	10,807				6	16
45	Lee	Tupelo Water & Light West	City of Tupelo	3	1,215				1	
46	Lincoln	Brookhaven Rubbish Site	City of Brookhaven	5	INACTIVE					3
47	Lincoln	Oddee Smith Rubbish Site	Odee Smith & Sons, Inc.	1	75				5	
48	Lowndes	Phillips Develop. Rubbish Site	Phillips Development, LLC	5	306				5	3
49	Marshall	Marshall Co. Rubbish Site	Marshall Co. B.O.S.	3	2,120				1	1
50	Newton	Newton Co. Rubbish Site	Newton Co. B.O.S.	2	290				6	2
51	Panola	Heafner Rubbish Site	City of Batesville	2	1,674				1	
52	Pike	Magnolia Rubbish Site	Bruce Williams	4	721				8	2
53	Pontotoc	Pontotoc Rubbish Site	City of Pontotoc	10	936				8	3
54	Rankin	Brandon Rubbish Site	City of Brandon	2	302				20	1
55	Rankin	Pearl Rubbish Site	City of Pearl	10	6,900				4	
56	Scott	Forest Rubbish Site	City of Forest	11	121				15	9
57	Sharkey	Sharkey Co. Rubbish Site	Sharkey Co. BOS	8	2,195				65	7
58	Simpson	Magee Rubbish Site	City of Magee	9	2,700				8	3
59	Simpson	Mendenhall Rubbish Site	City of Mendenhall	6	960				4	4
60	Tate	Senatobia Rubbish Landfill	City of Senatobia	5	152				26	3
61	Tate	Tate Co. Rubbish Site	Tate Co. B.O.S.	20	269				20	12
62	Warren	Highway 27 Rubbish Landfill	Buford Const. Co., Inc.	9	DID NOT REPORT					
63	Washington	Avis Rubbish Site	Jim Avis	15	600					15
64	Washington	Branco Rubbish Site	Nolan Branton	43	INACTIVE					
65	Winston	Louisville Rubbish Site	City of Louisville	4	1,217				52	3
66	Yalobusha	Water Valley (Foxy) Rub. Site	City of Water Valley	6	290				5	

Total

92,830	0	0.00
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INDUSTRIAL AND INSTITUTIONAL LANDFILLS

Industrial and Institutional Landfills are non-commercial disposal facilities that are designed and constructed to receive nonhazardous industrial wastes and certain special wastes from one primary source for ultimate disposal. These facilities are generally owned and operated by the industry or institution that generates the wastes. There were 22 permitted industrial and institutional landfills during Calendar Year 2013. According to the submitted annual reports, the 15 active landfills disposed of a total of 2,307,002 tons of solid waste (6 landfills were inactive and 1 active landfill reported the total disposal tonnage as confidential business information**).

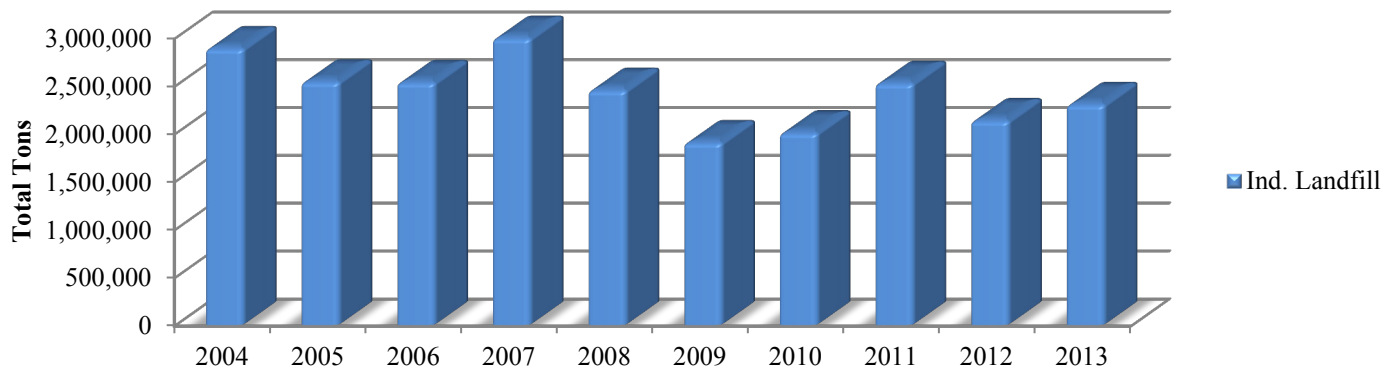
The annual report on the solid waste disposal activities conducted at each industrial and institutional landfill is required by the individual facility permit conditions. This report contains a summary report on the disposal activities conducted at landfills in Mississippi during Calendar Year 2013. The report includes the following information:

1. A state map showing the locations of industrial and institutional landfills; and
2. A summary of operational information contained in the individual annual reports for Calendar Year 2013 for industrial and institutional landfills. The information is listed alphabetically by the County in which the facility is located.

Industrial and Institutional Landfill Disposal Trends

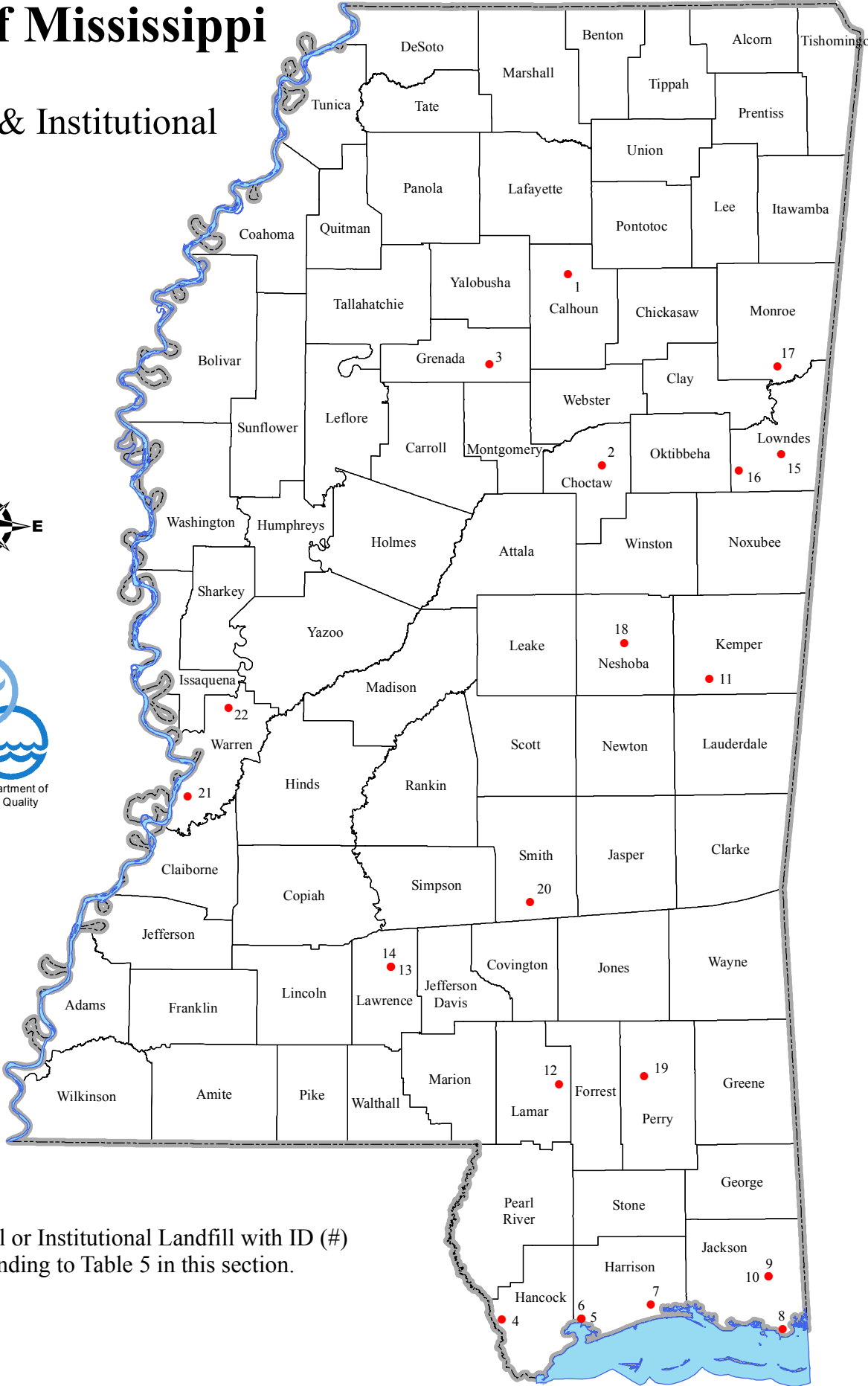
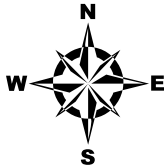
Data in this report indicates that during 2013, Mississippi industrial and institutional landfills received 126,259 tons more solid waste for disposal than during Calendar Year 2012 (see [Figure 12](#)).

FIGURE 12



State of Mississippi

Industrial & Institutional Landfills



● Industrial or Institutional Landfill with ID (#) corresponding to Table 5 in this section.

TABLE 5
Disposal Information on Industrial and Industrial Landfills
Calendar Year 2013

(I) ID	(II) County	(III) Name of Facility	(IV) Owner	(V) Permitted Acreage	(VI) Total Waste Received tons/year	(VII) Est. Life Remaining years
1	Calhoun	Weyerhaeuser Landfill (Bruce)	Weyerhaeuser NR Co.	2	INACTIVE	20
2	Choctaw	Red Hills AMU	Choctaw Generation LP	90	75,948	40
3	Grenada	Hankins Lumber Landfill	Hankins Lumber Co. Inc.	12	INACTIVE	
4	Hancock	Stennis Space Center Landfill	NASA	14	822	13
5	Harrison	DuPont DeLisle Plant WDU's	Dupont	156	CBI**	
6	Harrison	DuPont WDU 21, 22, and 23	Dupont	40	INACTIVE	
7	Harrison	Plant Watson AMU	MS Power Company	79	129,097	1
8	Jackson	Phosphogypsum Stack #2	MS Phosphates Corp.	263	1,676,150	18
9	Jackson	Plant Daniel AMU (North)	MS Power Company	46	59,940	33
10	Jackson	Plant Daniel Gypsum Storage	MS Power Company	36	INACTIVE	10
11	Kemper	Kemper Co. IGCC Gasification AMU	MS Power Company	52	INACTIVE	5
12	Lamar	R.D. Morrow Plant CCB Landfill	South MS Power Assn.	72	31,127	12
13	Lawrence	GP Monticello Ash Landfill	Georgia Pacific Corp.	30	157,560	1
14	Lawrence	GP Monticello Operations Landfill	Georgia Pacific Corp.	19	18,881	1
15	Lowndes	Columbus Mill Landfill	Weyerhaeuser NR Co.	60	85,995	13
16	Lowndes	Holcim CKD Disposal Site	Holcim (US), Inc.	15	INACTIVE	
17	Monroe	Tronox Hamilton Landfill	Tronox, LLC	6	10,741	1
18	Neshoba	Weyerhaeuser Landfill (Philadelphia)	Weyerhaeuser NR Co.	5	175	20
19	Perry	Leaf River Cellulose Landfill	Leaf River Cellulose, LLC	15	25,880	26
20	Smith	GP Taylorsville Plywood Landfill	Georgia Pacific Corp.		3,674	18
21	Warren	Cappaert Landfill	Cappaert Mfd. Housing Inc.	37	12,000	9
22	Warren	IP Vicksburg Mill AMU	International Paper	6	19,012	4

Total **2,307,002**

**This information has been requested to be treated as Confidential Business Information.

INDUSTRIAL AND INSTITUTIONAL RUBBISH SITES

Industrial and Institutional Rubbish Sites are non-commercial disposal facilities that are designed and constructed to receive class I and/or class II rubbish wastes from industrial or institutional sources. These facilities are generally owned and operated by the industry or institution that generates the wastes and are categorized as either class I or class II rubbish sites depending upon the types of waste disposed. There were 15 permitted industrial or institutional rubbish sites during Calendar Year 2013. According to the submitted annual reports, the 10 active industrial rubbish sites disposed of a total of 13,993 tons of solid wastes (5 rubbish sites were inactive).

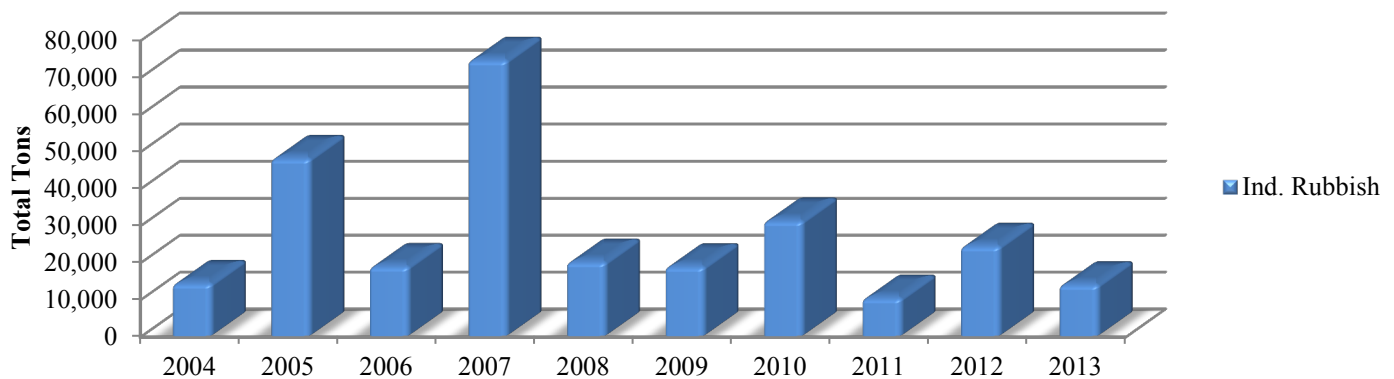
The annual report on the solid waste disposal activity conducted at each rubbish site is required by Rule 1.6.E(17) of the Mississippi Nonhazardous Solid Waste Management Regulations, ACT 7.S-1 of Statewide General Permit No. SWGP-R1 for class I rubbish sites, ACT 7.S-1 of Statewide General Permit No. SWGP-R2 for class II rubbish sites, or by the individual facility permit conditions. This report contains a summary of the individual facility reports as reported by the facility owners. The report includes the following information:

1. A state map showing the locations of industrial and institutional rubbish sites; and
2. A summary of the information provided by the rubbish site owners in the individual annual reports for Calendar Year 2013 for all non-commercial rubbish sites. The information is listed alphabetically by the County in which the facility is located.

Industrial and Institutional Rubbish Disposal Trends

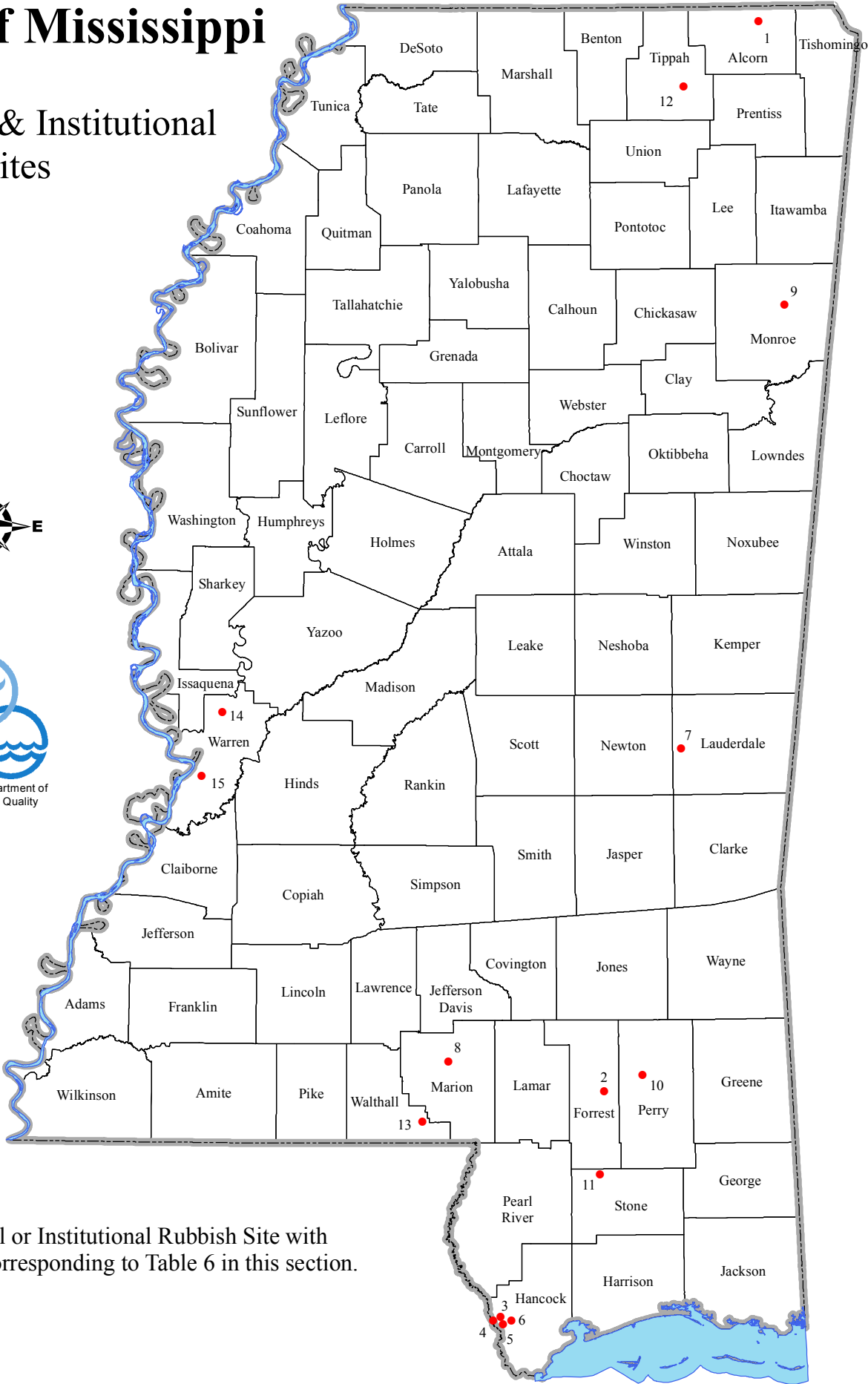
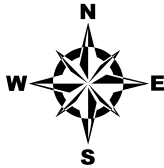
Data in this report indicates that during 2013, Mississippi industrial and institutional rubbish sites received 10,404 tons less solid waste for disposal than during Calendar Year 2012 (see [Figure 13](#)).

FIGURE 13



State of Mississippi

Industrial & Institutional Rubbish Sites



● Industrial or Institutional Rubbish Site with ID (#) corresponding to Table 6 in this section.

TABLE 6
Disposal Information on Industrial and Institutional Rubbish Sites
Calendar Year 2013

(I) ID	(II) County	(III) Name of Facility	(IV) Owner	(V) Type	(VI) Total Waste	(VII) Est. Life	
					Received	Remaining	years
					tons/year		
1	Alcorn	East Fifth St. Rubbish Site	East Fifth Street, LLC	Class I	INACTIVE	25	8
2	Forrest	Camp Shelby Andrews Rd. Facility	Camp Shelby Training Site, MMD	Class II	2,083	8	3
3	Hancock	Stennis Space Center C&D Site	NASA	Class II	3,146		12
4	Hancock	Stennis Space Center Veg. Site 1	NASA	Class II	INACTIVE		2
5	Hancock	Stennis Space Center Veg. Site 2	NASA	Class II	INACTIVE		1
6	Hancock	Stennis Space Center Veg. Site 3	NASA	Class II	INACTIVE		2
7	Lauderdale	Mid South Lumber Rubbish Site	Mid South Lumber, Inc.	Class II	INACTIVE	20	44
8	Marion	Columbia Chip Rubbish Site	Columbia Chip L.P.	Class II	33	8	2
9	Monroe	FFM Rubbish Site	Furniture Frame Manufacturers	Class II	500	45	5
10	Perry	Leaf River Cellulose Rubbish Site	Leaf River Cellulose, LLC	Class I	1,098	5	
11	Stone	DeSoto Treated Mat. Rubbish Site	DeSoto Treated Materials, Inc.	Class I	50	11	5
12	Tippah	Hankins Inc. Rubbish Site	Hankins Inc.	Class I	543	27	
13	Walthall	Jones Lumber Co. Rubbish Site	Jones Lumber Co. Inc.	Class II	39	5	3
14	Warren	Redwood Rubbish Site	Anderson-Tully Lumber Co.	Class II	6,458	3	
15	Warren	USACE Waterways Rubbish Site	USACE Waterways Exp. Station	Class II	43	3	0

Total **13,993**

TRANSFER STATIONS

Transfer Stations are fixed facilities primarily used for the purpose of transferring solid waste from one solid waste transportation vehicle to another. Typically, municipal solid wastes or other wastes are unloaded from smaller, local collection vehicles and temporarily stored while the wastes are reloaded onto a larger, long-distance transport vehicle for shipment to a landfill or other appropriate solid waste management facility. By combining loads of waste material in this manner, local communities and waste management companies can reduce transportation costs. Transfer stations may also serve as local community drop off and collection points for other solid wastes and recyclable materials.

There were 36 permitted transfer stations during Calendar Year 2013. According to the submitted annual reports, the 31 active transfer stations received a total of 716,665 tons of solid wastes (5 sites were inactive).

An annual report on activities conducted at each transfer station is required by Mississippi Code Annotated §17-17-219 and by the individual facility permit conditions. This report contains summary information on the activities conducted at the permitted transfer stations in Mississippi during Calendar Year 2013. The report includes the following information:

1. A state map showing the locations of the permitted transfer stations.
2. A summary of operational information contained in the individual annual reports for Calendar Year 2013 for transfer stations. The information is listed alphabetically by the County in which the site is located.

TABLE 7
Operational Information on Transfer Stations
Calendar Year 2013

(I) ID	(II) County	(III) Name of Facility	(IV) Name of Permittee	(V) Pemit Number	(VI) Type	(VII) Total Waste Received		(VIII) Out of State Waste Received	
						tons/year		tons/year	%
1	Alcorn	Alcorn Co./Corinth TS	Alcorn Co. B.O.S.	T1-001	MSW	28,532		1,602	5.61
2	Amite	Amite Co. Liberty TS	Amite Co. B.O.S.	T1-028	MSW	3,966			
3	Amite	Gloster TS	Amite Co. B.O.S.	T1-046	MSW	INACTIVE			
4	Attala	Kosciusko TS	Waste Mgt. of MS, Inc.	T1-002	MSW	21,996			
5	Clarke	Clarke Co. TS	Clarke Co. B.O.S.	T1-003	MSW	4,640			
6	Covington	Covington Co. TS	Pine Belt Reg. SWMA	T1-005	MSW	11,789			
7	Forrest	BFI Forrest Co. TS	BFI Waste Services, LLC	T1-006	MSW	INACTIVE			
8	Forrest	Hattiesburg TS	Pine Belt Reg. SWMA	T1-007	MSW	35,194			
9	Franklin	Franklin Co. TS	Franklin Co. B.O.S.	T1-008	MSW	3,628			
10	Grenada	WMMI Grenada TS	Waste Mgt. of MS, Inc.	T1-009	MSW	25,701			
11	Harrison	Biloxi TS	ADS Biloxi TS, LLC	SW0240060455	MSW	2,111			
12	Hinds	Jackson TS	Trash Hunters, Inc. (USA Waste)	T1-010	MSW	199,580			
13	Jones	Laurel TS	Pine Belt Reg. SWMA	T1-040	MSW	35,233			
14	Lafayette	Lafayette Co./Oxford TS	Three Rivers Reg. SWMA	T1-012	MSW	32,566			
15	Lamar	Hattiesburg TS	Trashhunters, Inc.	T1-035	MSW	28,850			
16	Leake	Leake Co. TS	Leake Co. B.O.S.	T1-033	MSW	6,030			
17	Lee	Lee Co./Tupelo TS	Three Rivers Reg. SWMA	T1-013	MSW	44,876			
18	Lincoln	Brookhaven TS	City of Brookhaven	T1-014	MSW	34,474			
19	Lincoln	DisposeAll Medical Waste TS	DisposeAll, LLC	SW0430060523	Medical	INACTIVE			
20	Lowndes	Columbus TS	Golden Triangle Reg. SWMA	T1-015	MSW	INACTIVE			
21	Marion	Columbia TS	City of Columbia	T1-016	MSW	8,182			
22	Monroe	Monroe Co. TS	Three Rivers Reg. SWMA	T1-017	MSW	18,977			
23	Neshoba	Neshoba Co. TS	Neshoba Co. B.O.S.	T1-018	MSW	1,046			
24	Newton	Newton Co. TS	Newton Co. B.O.S.	T1-019	MSW	3,178			
25	Panola	Panola Co. TS	Panola Co. B.O.S.	T1-036	MSW	18,920			
26	Pike	WMMI Pike Co. TS	Waste Mgt. of MS, Inc.	T1-021	MSW	36,126	382		1.06
27	Prentiss	Prentiss Co. TS	Prentiss Co. B.O.S.	T1-029	MSW	9,208			
28	Quitman	BFI Quitman Co. TS	BFI Waste Services, LLC	T1-022	MSW	29,148			
29	Rankin	Pearl TS	City of Pearl	T1-030	MSW	2,640			
30	Rankin	Stericycle Medical Waste TS	Stericycle, Inc.	SW0610060476	Medical	INACTIVE			
31	Simpson	Simpson Co. TS	Simpson Co. B.O.S.	T1-031	MSW	5,927			
32	Tishomingo	Tishomingo Co. TS	Tishomingo Co. B.O.S.	T1-004	MSW	140			
33	Warren	Riverbend TS	Riverbend Env. Services, LLC	T1-043	MSW	13,476			
34	Warren	Vicksburg TS	Waste Mgt. of MS, Inc.	T1-025	MSW	34,490	279		0.81
35	Washington	Greenville TS	City of Greenville	T1-026	MSW	12,043			
36	Wayne	Wayne Co. TS	Wayne Co. B.O.S.	T1-027	MSW	3,998			

Total	716,665	2,263	0.32
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LAND APPLICATION SITES

Land Application Sites are sites where solid waste is applied to the land through incorporation, injection, or other application for soil amendment or conditioning purposes or for biodegradation of the waste. A significant amount of municipal wastewater sludge (commonly referred to as biosolids), non-municipal wastewater sludge, and other waste streams from industrial sources are land applied each year at the permitted land application sites across the state.

There were 34 permitted land application sites during Calendar Year 2013. According to the submitted annual reports, the 19 active land application sites applied a total of 58,015 dry tons of solid waste (15 sites were inactive). The active land application sites applied 18,031 dry tons (31.08%) of municipal wastewater sludge (biosolids) and 39,984 dry tons (68.92%) of waste other than municipal wastewater sludge such as pulp and paper mill sludge, poultry processing sludge, and other materials.

An annual report on activities conducted at each land application site is required by Mississippi Code Annotated §17-17-219 and the individual facility permit conditions. This report contains summary information on the activities conducted at the permitted land application sites in Mississippi during Calendar Year 2013. The report includes the following information:

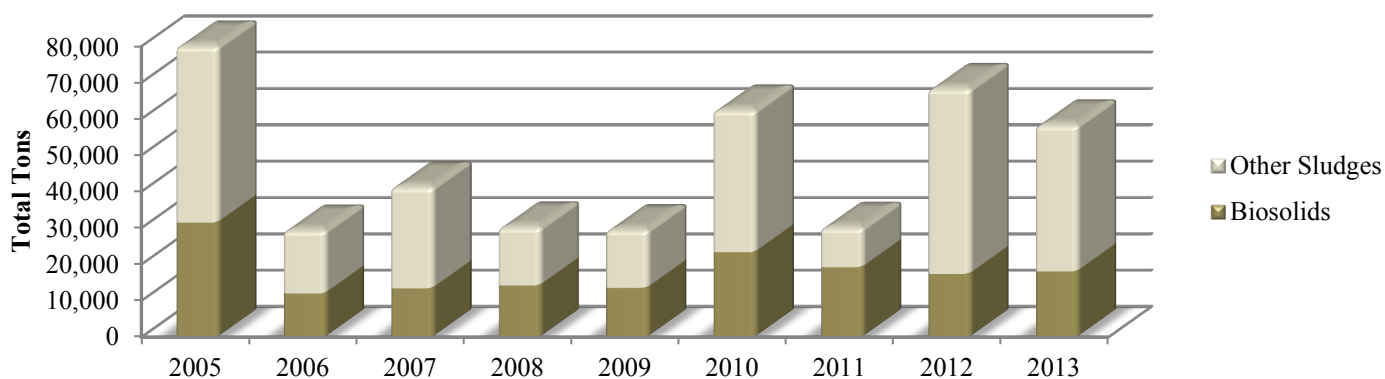
1. A state map showing counties where land application sites are permitted; and
2. A summary of operational information contained in the individual annual reports for Calendar Year 2013 for land application sites. The information is listed alphabetically by the County in which the site is located.

This section of the report does not include information on those materials land applied as soil amendments under the MDEQ beneficial use determination program.

Land Application Trends

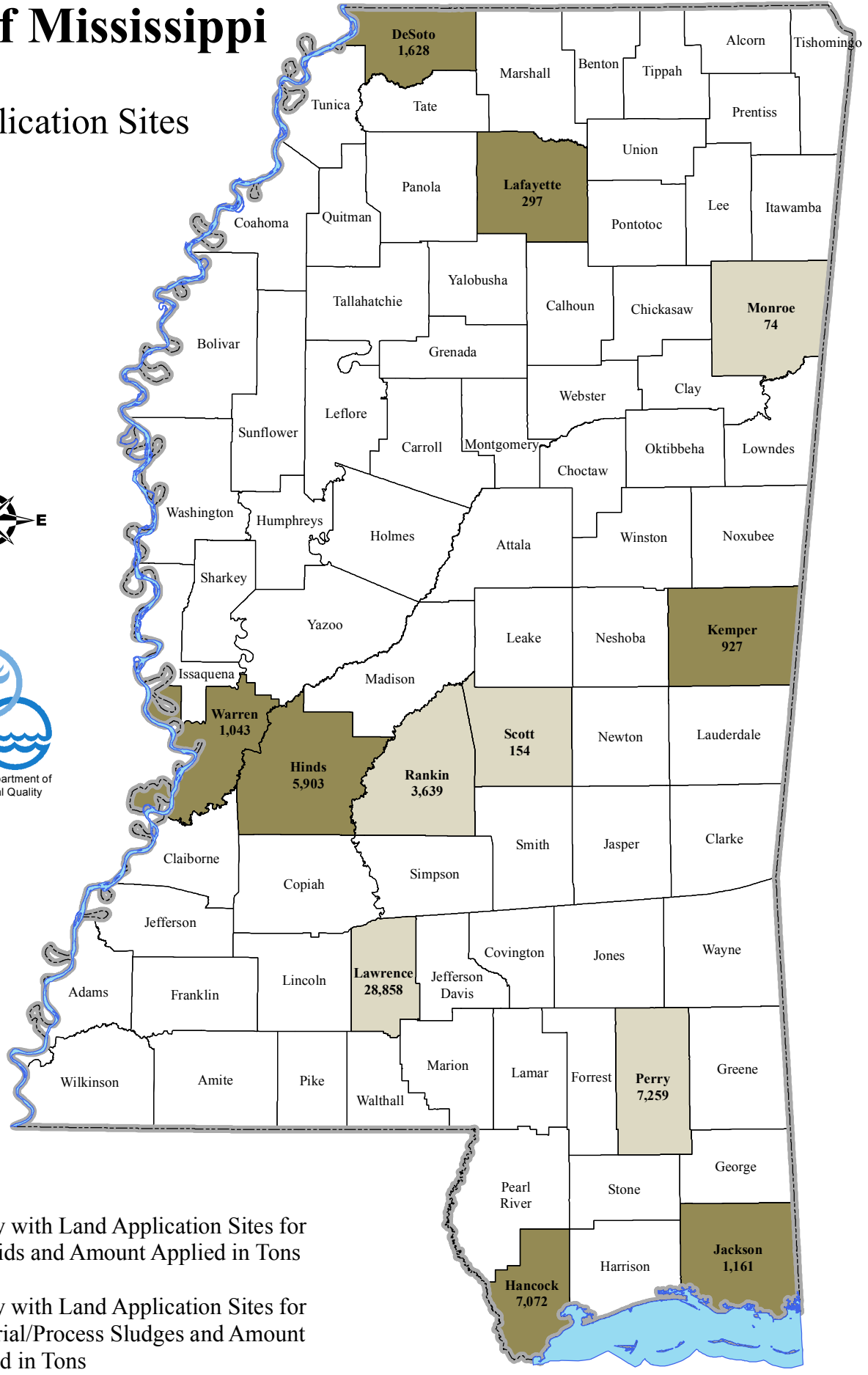
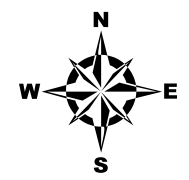
Data in this report indicates that during 2013, land application sites received 10,018 tons less solid waste than during Calendar Year 2012 (see [Figure 14](#)).

FIGURE 14



State of Mississippi

Land Application Sites





-  County with Land Application Sites for Biosolids and Amount Applied in Tons
-  County with Land Application Sites for Industrial/Process Sludges and Amount Applied in Tons

TABLE 8
Operational Information on Land Application Sites
Calendar Year 2013

(I) Pemit Number	(II) County	(III) Name of Facility	(IV) Name of Permittee	(V) Permitted Acerage	(VI) Type of Waste Applied	(VII) Total Waste Applied (dry tons/year)
SW0010030422	Adams	Airport Land App. Facility	City of Natchez	122	Biosolids	INACTIVE
SW0150030501	Copiah	Fisher Landfarm Site A	City of Jackson	150	Biosolids	INACTIVE
SW0150030511	Copiah	Fisher Landfarm Site B	City of Jackson	109	Biosolids	INACTIVE
SW0170030545	Desoto	DCRUA Land App. Site	Desoto Co. Reg. Utility Auth.	821	Biosolids	INACTIVE
SW0170030556	Desoto	DCRUA Land App. Site (Craft Road)	Desoto Co. Reg. Utility Auth.	1,122	Biosolids	1,628
SW0230030364	Hancock	Breaux Landfarm	Breaux Services, Inc.	1,096	Biosolids	7,072
SW0250030468	Hinds	Berry Property	City of Jackson	245	Biosolids	INACTIVE
SW0250030493	Hinds	Holmes Property	City of Jackson	382	Biosolids	954
SW0250030464	Hinds	Jackson Biosolids Facility	City of Jackson	495	Biosolids	1,591
SW02501A0005	Hinds	Jackson Land App. Site (Byram)	City of Jackson	513	Biosolids	2,249
SW0250030485	Hinds	Mason Property	City of Jackson	65	Biosolids	INACTIVE
SW0250030528	Hinds	Sullivan Property	City of Jackson	250	Biosolids	1,109
SW0250030539	Hinds	Thomas Property	City of Jackson	306	Biosolids	INACTIVE
SW0250030486	Hinds	Varnado Property	City of Jackson	63	Biosolids	INACTIVE
SW0280030502	Issaquena	Darden Landfarm Site A	City of Jackson	703	Biosolids	INACTIVE
SW0280030512	Issaquena	Darden Landfarm Site B	City of Jackson	24	Biosolids	INACTIVE
SW0300030411	Jackson	West Jackson Co. Land App. Site	MS Gulf Coast Reg. WW Auth.	160	Biosolids	1,161
SW0350030431	Kemper	Breaux Kemper Co. Landfarm	Breaux Services, Inc.	516	Biosolids	927
SW0360030558	Lafayette	Oxford Land App. Site	City of Oxford	347	Biosolids	297
SW0390030557	Lawrence	Brent Property	GEO Specialty Chemicals, Inc.	34	Processed Silica	INACTIVE
SW0390030567	Lawrence	Creel Property	GEO Specialty Chemicals, Inc.	12	Processed Silica	3,848
SW0390030461	Lawrence	Matijevich Property	GEO Specialty Chemicals, Inc.	61	Processed Silica	INACTIVE
SW0390030566	Lawrence	Stephens Property	GEO Specialty Chemicals, Inc.	50	Processed Silica	18,255
SW0390030565	Lawrence	Turnage Property	GEO Specialty Chemicals, Inc.	18	Processed Silica	6,755
SW0430030534	Lincoln	Brookhaven Land App. Facility	City of Brookhaven	17	Biosolids	INACTIVE
	Monroe	Georgia Gulf Chem. Land App. Fac.	Georgia Gulf Chemicals	4	Iron Sludge	74
SW0560030348	Perry	Leaf River Cellulose Land App. Fac.	Leaf River Cellulose, LLC	49,634	Ash/Paper Sludge	7,259
SW0610030525	Rankin	McLauren, et al. Land App. Site	Terra Renewal Services, Inc	1,227	Poultry Sludges	245
SW0610030541	Rankin	Rankin Co. Land App. Sites	Terra Renewal Services, Inc	1,409	Poultry Sludges	2,191
SW0610030470	Rankin	TRS Land App. Sites	Terra Renewal Services, Inc	1,599	Poultry Sludges	1,203
SW0620030550	Scott	Scott Co. Land App. Sites	Terra Renewal Services, Inc	647	Poultry Sludges	154
SW0660030510	Stone	Desoto Treated Mat. Land App. Fac.	Desoto Treated Materials, Inc.	10	Wood Ash	INACTIVE
SW0750030473	Warren	Vicksburg Bioslids App. Fac.	City of Vicksburg	1,264	Biosolids	1,043
SW0760030531	Washington	Greenville Land App. Site	City of Greenville	272	Biosolids	INACTIVE

Total **58,015**

Total Biosolids **18,031**
Total Other Sludges **39,984**

PROCESSING FACILITIES

Processing Facilities are facilities that sort, shred, grind, bale, treat or otherwise process solid wastes to facilitate recycling, reuse, or disposal. These facilities do not include sites that receive and manage only pre-sorted recyclable components of solid waste. Processing facilities manage a wide variety of solid wastes and rubbish including wood wastes, ash, construction and demolition materials, putrescible wastes, and medical wastes.

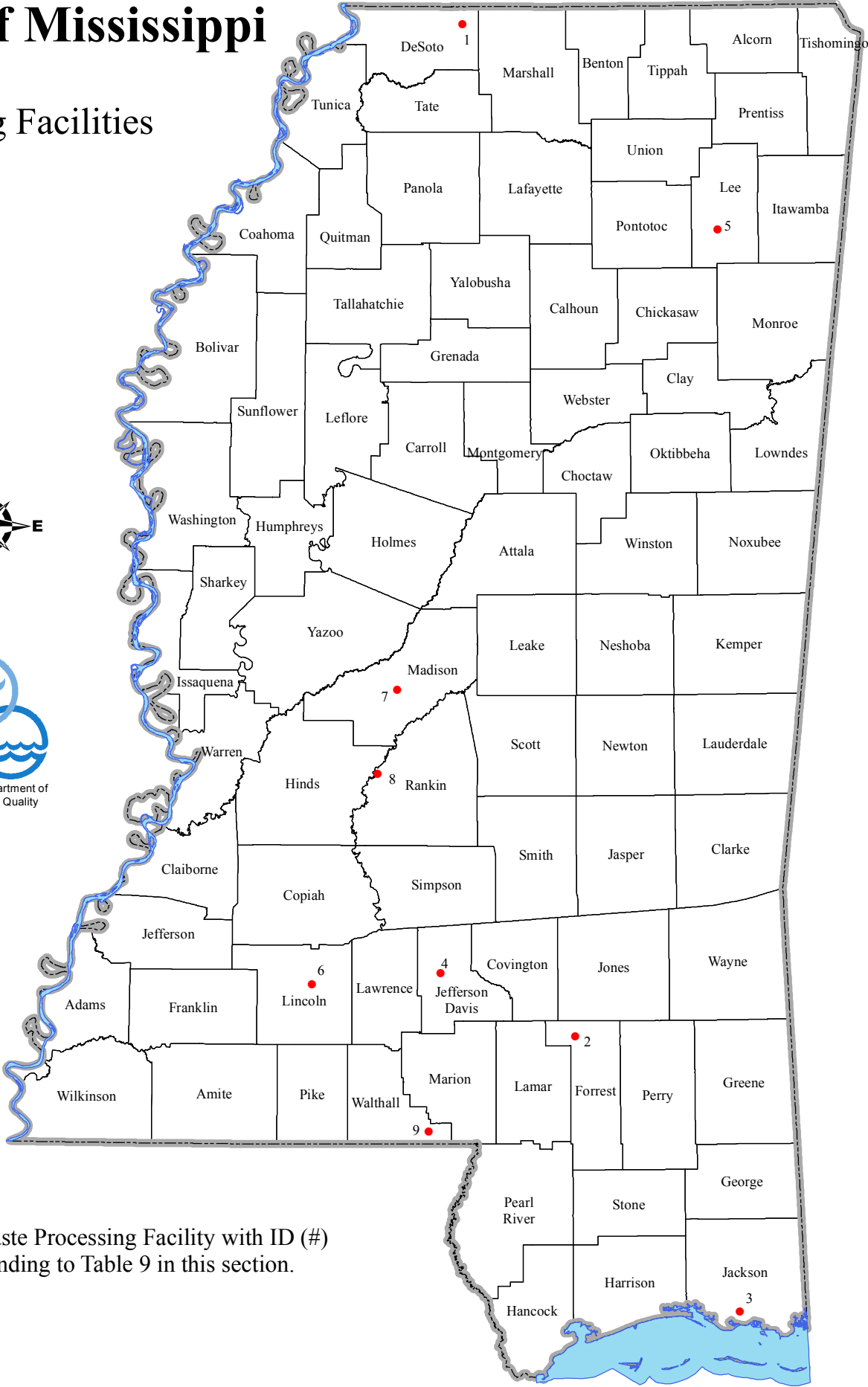
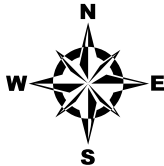
There were 9 permitted processing facilities during Calendar Year 2013. According to the submitted annual reports, the 6 active processing facilities received a total of approximately 126,433 tons of material (3 sites were inactive). The active processing facilities managed 113,925 tons (90.11%) of the waste received for recycling or reuse purposes and 12,508 tons (9.89%) of the waste was managed for disposal.

An annual report on activities conducted at each processing facility is required by Mississippi Code Annotated §17-17-219 and by the individual facility permit conditions. This report contains summary information on the activities conducted at the permitted processing facilities in Mississippi during Calendar Year 2013. The report includes the following information:

1. A state map showing the locations of the permitted processing facilities.
2. A summary of operational information contained in the individual annual reports for Calendar Year 2013 for processing facilities. The information is listed alphabetically by the County in which the facility is located.

State of Mississippi

Processing Facilities



• Solid Waste Processing Facility with ID (#) corresponding to Table 9 in this section.

TABLE 9
Operational Information on Processing Facilities
Calendar Year 2013

(I) ID	(II) County	(III) Name of Facility	(IV) Name of Permittee	(V) Type	(VI) End Use	(VII) Total Waste Received		(VIII) Out of State Waste Received	
						tons/year		tons/year	%
1	DeSoto	Sims Bark Company	Sims Bark Company, Inc.	Wood Wastes, Ash	Recycling/Reuse	20,204		843	4.17
2	Forrest	CleanEarth Medical Waste	CleanEarth, Inc.	Medical Wastes	Disposal	874			
3	Jackson	Applewhite Industries	Applewhite Industries, Inc.	Industrial Rubbish	Both	7,628			
4	Jeff. Davis	SES Processing Facility	Southeast Env. Services, LLC	Poultry Process WW	Recycling/Reuse			INACTIVE	
5	Lee	Century Rubbish Processing	Century Construction & Realty Co.	Const/Demo Materials	Recycling/Reuse	100			
6	Lincoln	Phillips Bark Processing	Phillips Bark Processing Co., Inc.	Wood/Poultry Litter/Ash	Recycling/Reuse	93,491		1,577	1.69
7	Madison	Stericycle Canton	Stericycle, Inc.	Medical Wastes	Disposal	4,136		1,033	24.98
8	Rankin	Terra Waste Services	Terra Waste Service, LLC	Medical Wastes	Disposal			INACTIVE	
9	Walthall	Nature's Garden	Jones Chip Mill, Inc.	Wood, Poultry Litter	Recycling/Reuse			INACTIVE	

Total	126,433	3,453	2.73
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Total Reuse	113,925
Total Disposal	12,508

COMPOSTING FACILITIES

Composting Facilities are facilities where materials such as food waste, vegetative debris, untreated wood wastes, animal manures, and other organic materials are combined and allowed to heat as part of a managed decomposition process producing compost, a nutrient rich soil additive. Composting is a simple and inexpensive way to reuse and recycle these items that would otherwise enter the waste stream and potentially be disposed in landfills. Considering the environmental and economic benefits associated with composting, the MDEQ Composting Program has been developed to promote and encourage composting practices of all scales and types throughout the State. As part of this program, MDEQ is working to streamline and improve the permitting process for composting facilities by revising the Mississippi Nonhazardous Solid Waste Management Regulations. During this revision process, interested parties may request approval from MDEQ to operate under the interim Pilot Composting Program. This program was designed to allow new, start-up composting facility operators ample time to locate feedstock sources, develop a successful compost recipe, and determine the viability of the facility, while implementing siting and management practices that protect human health and the environment.

There were 12 permitted or authorized composting facilities operating during Calendar Year 2013. According to the submitted annual reports, these composting facilities received a total of approximately 22,258 tons of organic materials. The active composting facilities managing only non-putrescible wastes such as vegetative debris and untreated wood wastes received 21,836 tons (98.10%) of waste, and sites that managed both putrescible wastes such as food wastes and animal manures and non-putrescible wastes received 422 tons (1.90%) of waste. These composting facilities also reported producing more than 4,800 tons of finished compost for use or distribution.

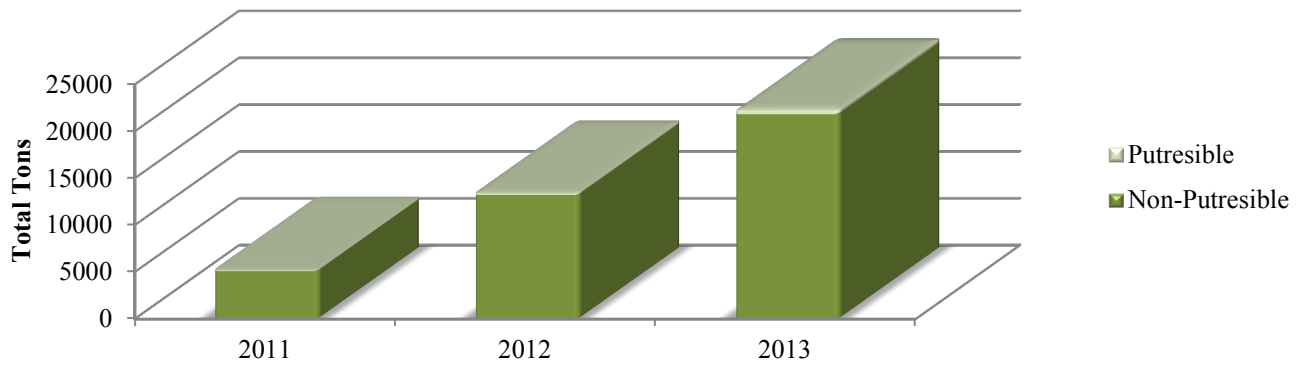
An annual report on activities conducted at each composting facility is required by Rule 1.9.B(6) and Rule 1.9.C(4)(d) of the Mississippi Nonhazardous Solid Waste Management Regulations and by the individual facility permit or authorization conditions. This report contains summary information on the activities conducted at the permitted or authorized composting facilities in Mississippi during Calendar Year 2013. The report includes the following information:

1. A state map showing the locations of the permitted or authorized composting facilities.
2. A summary of operational information contained in the individual annual reports for Calendar Year 2013 for composting facilities. The information is listed alphabetically by the County in which the facility is located.

Composting Trends

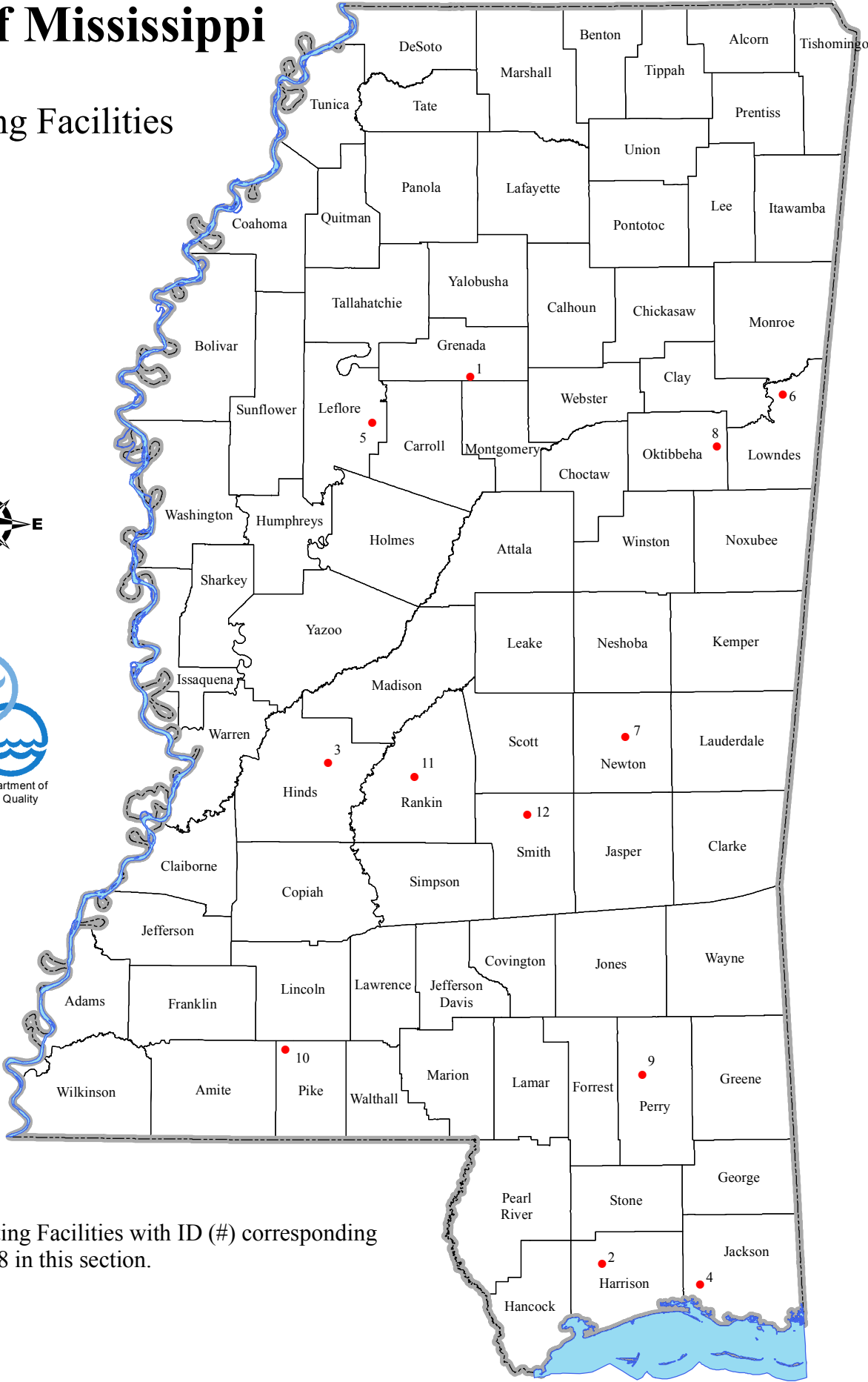
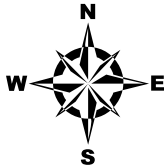
Data in this report indicates that during 2013, composting facilities sites received 8,844 tons more solid waste than during Calendar Year 2012 (see Figure 15).

FIGURE 15



State of Mississippi

Composting Facilities



● Composting Facilities with ID (#) corresponding to Table 8 in this section.

TABLE 10
Operational Information on Composting Facilities
Calendar Year 2013

(I) ID	(II) County	(III) Name of Facility	(IV) Name of Permittee	(V) Pemit Number	(VI) Type of Facility	(VII) Total Materials Received (tons/year*)
1	Grenada	Hankins Lumber Compost Site	Hankins Lumber Co., Inc.	C1-003	Non-Putrescible	54
2	Harrison	Heavn's Best Compost	Del Banowetz	Authorized	Putrescible	242
3	Hinds	Clinton SW Compost Facility	City of Clinton	C1-006	Non-Putrescible	4
4	Jackson	West Jackson Co. Compost Site	Jackson Co. B.O.S.	C1-008	Non-Putrescible	20,880
5	Leflore	Greenwood Pilot Composting Site	City of Greenwood	Authorized	Non-Putrescible	230
6	Lowndes	Columbus AFB Compost Facility	U.S. Dept. of the Air Force	C1-010	Non-Putrescible	12
7	Newton	Decatur Mulch/Chip/Compost Site	Town of Decatur	Authorized	Non-Putrescible	416
8	Oktibbeha	Blackjack Composting	Robert Raymond	Authorized	Putrescible	INACTIVE
9	Perry	Leaf River Cellulose Composting	Leaf River Cellulose, LLC	Authorized	Putrescible	INACTIVE
10	Pike	The Dirt Store	Williamson Nursery	Authorized	Non-Putrescible	150
11	Rankin	Brandon Compost Site	City of Brandon	C1-001	Non-Putrescible	91
12	Smith	Currie's Organic Poultry Compost	William Larry Currie	Authorized	Putrescible	180

Total **22,258**

Total Non-Putrescible **21,836**

Total Putrescible **422**

*Some tonnages estimated by MDEQ based on incoming material types

BENEFICIAL USE OF NONHAZARDOUS SOLID WASTES AND/OR BY-PRODUCTS

The Mississippi Regulations for the Beneficial Use of Nonhazardous Solid Wastes provide a mechanism where in-state or out-of-state industries with eligible nonhazardous solid wastes and/or by-products may provide their materials for legitimate end uses in the state after MDEQ review and approval. The regulations apply to any person, organization, industry, business, agency, or institution that intends to obtain, distribute and/or use an eligible solid waste and/or by-product for the purposes of beneficial use in a manner for which the material was not specifically manufactured. MDEQ issues a Beneficial Use Determination (BUD) allowing the use of such eligible by-products and materials to applicants that meet the requirements of the regulations. Prior to the adoption of state regulations and the development of the Beneficial Use Program, most by-product materials generated by industries were required to be managed as solid waste, which often resulted in the disposal of potentially useful by-products in landfills.

There were a total of 47 approved BUDs in Mississippi during Calendar Year 2013. According to the annual reports submitted, 34 BUD holders distributed a total of 852,894 tons of by-products including lime mud, wood ash, coal ash, gypsum, calcium carbonate and dewatered fiber sludges for construction or soil amendment purposes. Construction related projects utilized 811,564 tons (95.15%) of material and soil amendment applications utilized 41,330 tons (4.85%) of material.

Each person, business or organization that holds a BUD from MDEQ is required to submit an annual report on the beneficial use activities in Mississippi involving their by-product under Rule 9.4.A. of the Mississippi Regulations for the Beneficial Use of Nonhazardous Solid Wastes and the individual BUD conditions. This report contains summary information on the distribution activities conducted by the BUD holders in Mississippi during Calendar Year 2013. The information is listed numerically by the BUD tracking number.

Beneficial Use Trends

Data in this report indicates that during 2013, Mississippi BUD holders used 38,936 tons less by-products than during Calendar Year 2012 (see [Figure 16](#)).

FIGURE 16

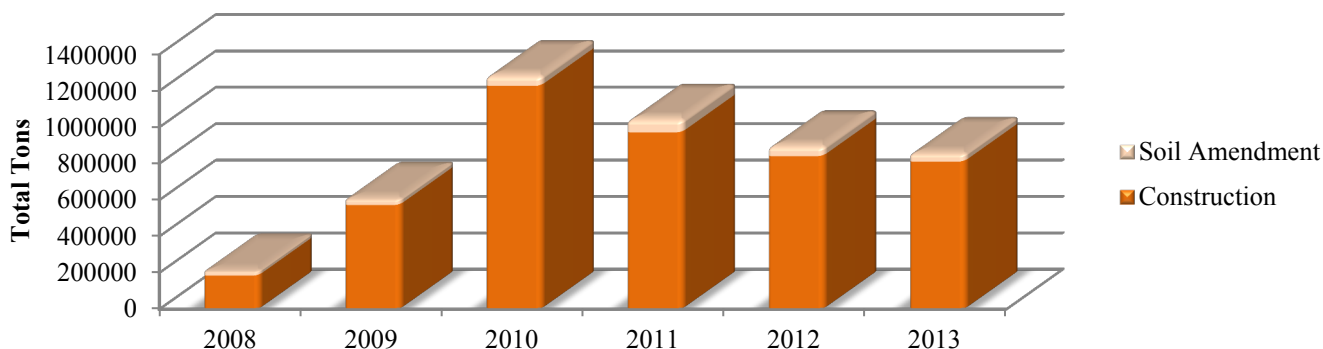


TABLE 11
Operational Information on Industrial By-Product Distribution
Calendar Year 2013

(I) Tracking Number	(II) BUD Holder	(III) By-Product Material	(IV) Use of By-Product Material	(V) Quantity of By-Product Material Distributed (tons/year)
0002	Georgia Pacific, Monticello	Lime Mud	Soil Amendment	4,680
0003	Leaf River Cellulose, LLC	Lime Mud	Soil Amendment	266
0004	Georgia Pacific, Monticello	Bark and Hogged Fuel Comb. Ash	Soil Amendment	375
0005	Georgia Pacific, Wood Products LLC	Bark and Wood Fiber By-Product	Soil Amendment	INACTIVE
0006	Leaf River Cellulose, LLC	Slaker Grit and Green Liquor Dregs	Soil Amendment	302
0007	Georgia Pacific, Monticello	Bark and Hogged Fuel Comb. Ash	Soil Amendment	79
0009	Nucor Steel - Carbide Lime	Lime Mud	Construction	INACTIVE
0010	Beneficial Reuse Management	Flue Gas Desulfurization Gypsum	Soil Amendment	544
0011	Beneficial Reuse Management	Flue Gas Desulfurization Gypsum	Soil Amendment	INACTIVE
0012	Beneficial Reuse Management	Flue Gas Desulfurization Gypsum	Soil Amendment	26
0013	Beneficial Reuse Management	Flue Gas Desulfurization Gypsum	Soil Amendment	INACTIVE
0014	Jones Lumber Co.	Lime Substitute	Soil Amendment	14
0015	North American Coal-Red Hills Mine	Coal Ash	Construction	635,770
0016	Holcim (US) Inc.	Gypsum By-Product	Soil Amendment	1,158
0018	Tri-State Lumber Company	Wood Ash	Soil Amendment	9
0021	Norbord Industries, Inc.	Wood Ash	Soil Amendment	7,740
0025	LA Ash, Inc.	Coal Ash	Construction	INACTIVE
0026	Leaf River Cellulose, LLC	Wood Ash	Soil Amendment	INACTIVE
0027	Masonite Corporation	Dewatered Fiber	Soil Amendment	4
0028	Masonite Corporation	Wood Ash	Soil Amendment	898
0029	Recast Energy of Wiggins, LLC	Wood Ash	Soil Amendment	795
0030	Bailey & Sons	Wood Ash	Soil Amendment	7,379
0032	Southern Company	Flue Gas Desulfurization Gypsum	Soil Amendment	100
0033	American Sugar Refining, Inc.	Lime By-Product	Soil Amendment	12,884
0034	Columbus Light and Water Department	Iron Oxide	Soil Amendment	INACTIVE
0035	Georgia Pacific Consumer Products LP	Lime Mud	Soil Amendment	925
0036	Charah, Inc.	Coal Ash	Construction	INACTIVE
0037	Separation Technologies, LLC	Coal Ash	Construction	26,924
0038	SEFA Group	Coal Ash	Construction	11,558
0039	Boral Material Technologies, Inc.	Coal Ash	Construction	8,138
0040	Lafarge North America, Inc.	Coal Ash	Construction	DID NOT REPORT
0041	Headwaters Resources, Inc.	Coal Ash	Construction	12,002
0042	Headwaters Resources, Inc.	Coal Ash	Construction	318
0043	Headwaters Resources, Inc.	Coal Ash	Construction	13,143
0044	Headwaters Resources, Inc.	Coal Ash	Construction	16,703
0045	Headwaters Resources, Inc.	Coal Ash	Construction	INACTIVE
0046	Headwaters Resources, Inc.	Coal Ash	Construction	25,690
0047	Anderson-Tully	Wood Ash	Soil Amendment	546
0048	Separation Technologies, LLC	Coal Ash	Construction	INACTIVE
0049	Separation Technologies, LLC	Coal Ash	Construction	1,000
0050	Headwaters Resources, Inc.	Coal Ash	Construction	10,920
0051	Headwaters Resources, Inc.	Coal Ash	Construction	4,454
0052	Headwaters Resources, Inc.	Coal Ash	Construction	39,306
0053	Headwaters Resources, Inc.	Coal Ash	Construction	5,638
0054	International Paper	Boiler Ash/Cinders	Soil Amendment	INACTIVE
0055	International Paper	Composite Lime Material	Soil Amendment	2,606
0056	Separation Technologies, LLC	Coal Ash	Construction	INACTIVE

Total **852,894**

Total Construction Uses **811,564**
Total Soil Amendment Uses **41,330**

WASTE TIRE MANAGEMENT

A report by the Rubber Manufacturer's Association (*Scrap Tire Markets in the United States, 9th Biennial Report, May 2009*) estimated that in 2007 the U.S. generated approximately one waste tire per person per year. Based on current U.S. Census population estimates, this means that about 3 million waste tires were generated in Mississippi during Calendar Year 2013. The Mississippi Waste Tire Management Program administers state rules and regulations for the collection, transportation, storage, processing, recycling and disposal of these waste tires and is tasked by the state legislature with promoting the goal of statewide waste tire recycling. Prior to the adoption of state regulations in 1991, many waste tires were disposed of in landfills or illegal dumps. However, the majority of the waste tires generated in Mississippi annually are currently properly managed and recycled.

The Mississippi Waste Tire Management Regulations and the Mississippi Waste Tire Transportation Regulations require persons and businesses to properly manage waste tires. Waste tire haulers involved in the transportation of waste tires from generators to end users are required to annually report the number of waste tires transported. Commercial waste tire collectors and processors are required to report information on the sources and quantity of waste tires managed each month. This report contains summary information on waste tire management activities conducted by these waste tire transporters, collectors and processors during Calendar Year 2013.

Transportation

An important component of the waste tire management program in Mississippi are the waste tire haulers who transport waste tires from waste tire generators to waste tire collection, processing and recycling facilities. During Calendar Year 2013, there were a total of 115 licensed waste tire haulers in Mississippi that reportedly managed a total of 6.4 million waste tires. Of the total number of haulers, 48 were commercial haulers authorized to collect waste tires from various retail tire stores, automobile salvage yards, and other waste tire generators and accounted for 91% of the waste tires collected. The remaining 67 waste tire haulers were private haulers, only transporting the waste tires they generate through their normal business operations. Haulers imported over 3.0 million waste tires into the State and transported about 900,000 waste tires to other states.

Collection

There were a total of 154 authorized local government and commercial waste tire collection sites in Mississippi during Calendar Year 2013. As required by state law, local governments operated a total of 149 drop-off centers to collect waste tires generated by small quantity generators, including local citizens and small businesses producing ten or less waste tires per week. During 2013, these local government sites managed approximately 745,000 passenger tire equivalents (PTE's*) and 93% of these waste tires were recycled. In 2013, there were also 5 permitted commercial waste tire collection sites. The 4 active commercial sites collected and managed approximately 560,000 PTE's.

Recycling and Disposal

In 2013, there were a total of 5 permitted fixed waste tire processing facilities in Mississippi. These sites are required to process waste tires in accordance with minimum standards set by state law prior to sending the end products for further recycling, energy recovery, or disposal. These facilities reported receiving a total of 5,769,392 PTE's (64,906 tons) of waste tires. Approximately 53% of the tires processed were imported into Mississippi from out-of-state. Of the total number of tires processed, 94% were recycled for use in rubber derived products or as a supplemental fuel source. These reports also showed that 88% of the waste tires generated and processed within Mississippi were recycled. A total of 5,433,796 PTE's were processed for recycling purposes and 335,596 PTE's were processed prior to landfill disposal.

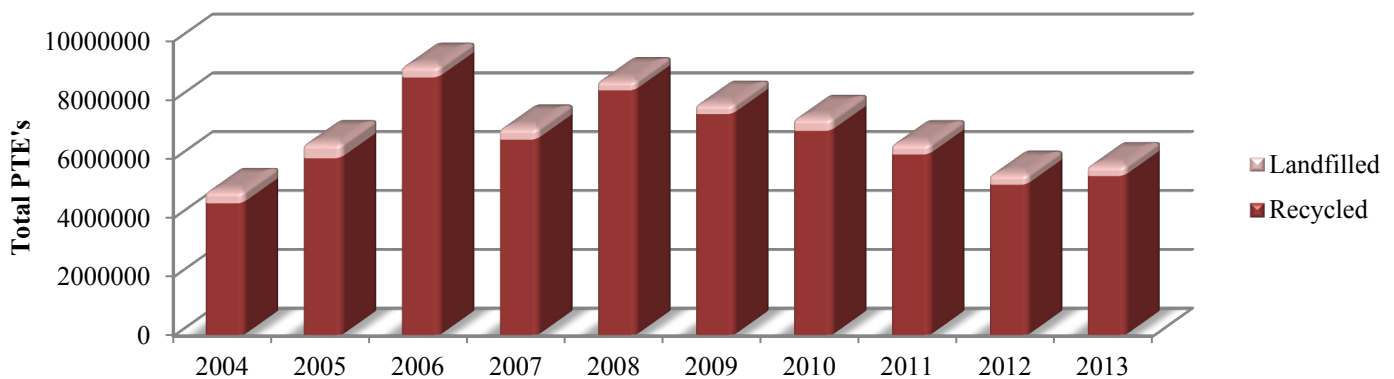
This report contains summary information on the activities conducted at the commercial waste tire processing facilities in Mississippi during Calendar Year 2013. The report includes the following information:

1. A state map showing the locations of commercial waste tire processing facilities (and also commercial and local government waste tire collection sites); and
2. A summary of operational information contained in the monthly reports for Calendar Year 2013 for commercial waste tire processing facilities. The information is listed alphabetically by the County in which the facility is located.

Waste Tire Recycling and Disposal Trends

Data in this report indicates that during 2013, Mississippi waste tire processing facilities managed 295,203 more PTE's than during Calendar Year 2012 (see [Figure 17](#) below).

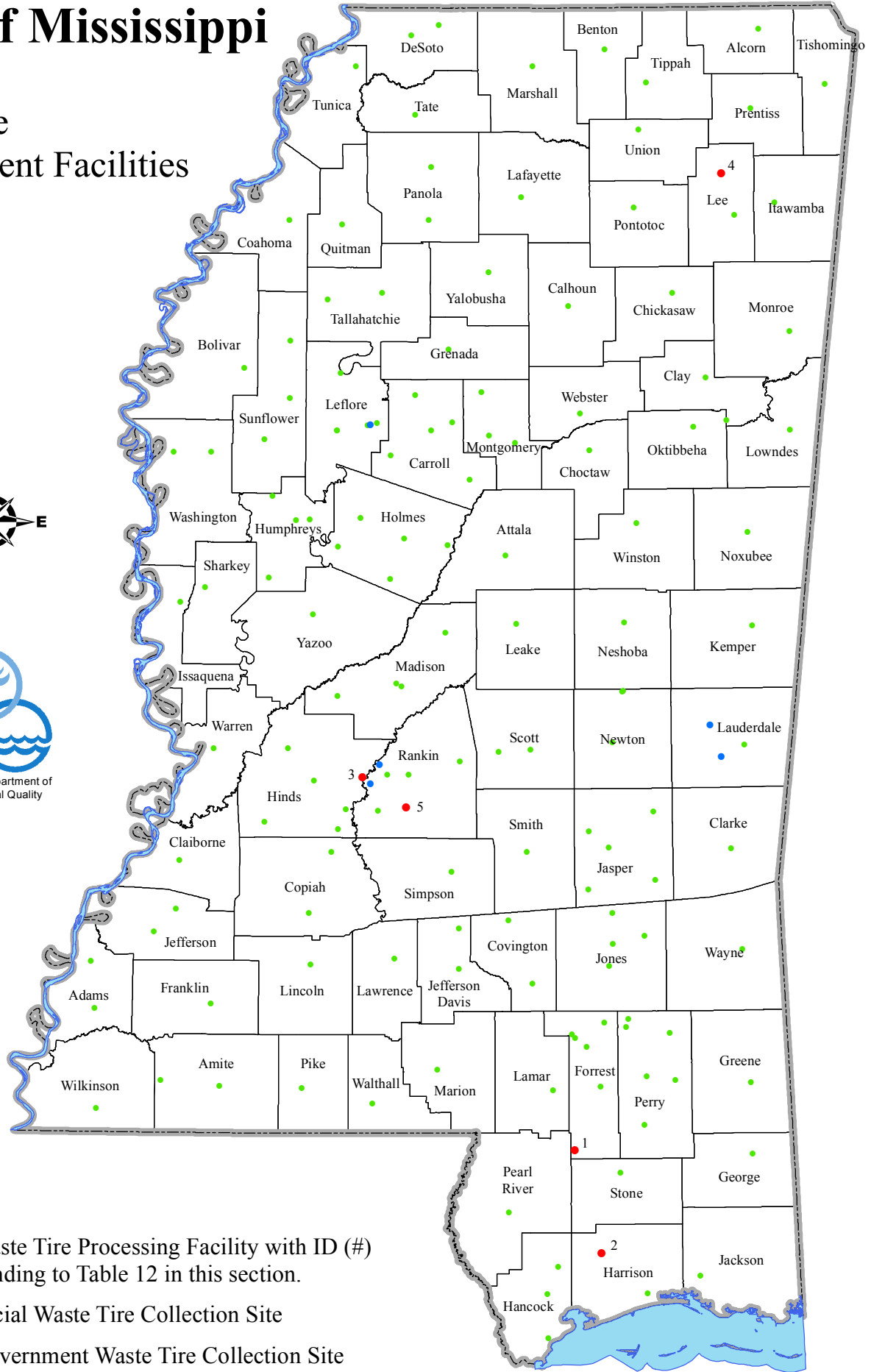
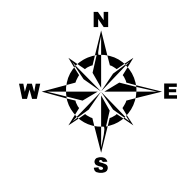
FIGURE 17



*This report estimates that each waste passenger (and light truck) tire weighs 22.5 pounds, each waste commercial (truck) tire weighs 120 pounds, and that the average weight of all waste tires generated is 33 pounds (85% passenger tires and 15% commercial tires). For collection and processing sites reporting in numbers of tires, the reported value is converted to passenger tire equivalents (PTE's) by multiplying by 33 and dividing by 22.5. For sites reporting in tons, the reported PTE value is converted to PTE's by multiplying by 2,000 and dividing by 22.5.

State of Mississippi

Waste Tire Management Facilities



- Fixed Waste Tire Processing Facility with ID (#) corresponding to Table 12 in this section.
- Commercial Waste Tire Collection Site
- Local Government Waste Tire Collection Site

TABLE 12
Operational Information on Commercial Waste Tire Processing Facilities
Calendar Year 2013

(I) ID	(II) County	(III) Name of Facility	(IV) Owner	(V) Primary End- Use Market	(VI) Total Tires Received		(VII) Out of State Tires Received	
					PTE's	Tons	PTE's	%
1	Forrest	Fairley's Tire & Rubber Co.	Luvern Fairley	Disposal	223,967	2,520		
2	Harrison	Triplett's Tire Processing	George Triplett	Disposal	111,629	1,256		
3	Hinds	PolyVulc Tire Recycling	PolyVulc Tire Recycling, LLC	Crumb Rubber	1,034,357	11,637		
4	Lee	Liberty Tire Recycling	Liberty Tire Recycling, LLC	Tire Derived Fuel	4,396,622	49,462	3,075,097	69.94
5	Rankin	Cowboy and Cowgirl Swings	Cowboy and Cowgirl Swings, Inc.	Tire Swings	2,817	32		

Total	5,769,392	64,906	3,075,097	53.30
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