

STATE OF MISSISSIPPI

STATUS REPORT ON SOLID WASTE MANAGEMENT FACILITIES AND ACTIVITIES

CALENDAR YEAR 2018



PREPARED BY:

**WASTE DIVISION
OFFICE OF POLLUTION CONTROL
MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY**

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INTRODUCTION

The Mississippi Department of Environmental Quality (MDEQ) has developed this status report to provide information on solid waste management activities conducted in Mississippi during Calendar Year 2018. 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 the MDEQ by the facility owner or operator each year. Beneficial use determination holders are also required to submit an annual report to the 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 report certain information regarding the quantities of waste tires managed. This status report provides summary information on these activities during 2018 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
- 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. These non-commercial facilities primarily include industrial and institutional disposal facilities.

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. This report is available to local government officials and solid waste decision makers to assist them in planning for the management of solid wastes in their jurisdictions. 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 2018 has generally not been fully verified by the MDEQ for accuracy. For additional information on this Status Report, please contact:

Mr. Charlie Bock
MDEQ Waste Division
P.O. Box 2261
Jackson, MS 39225
Phone/Fax: (601) 961-5232 / (601) 961-5785
Email: cbock@mdeq.ms.gov

To review the annual reports for a specific solid waste management facility, please refer to the public records web page and select the desired option to submit a records request:

www.mdeq.ms.gov/about-mdeq/public-records-request.

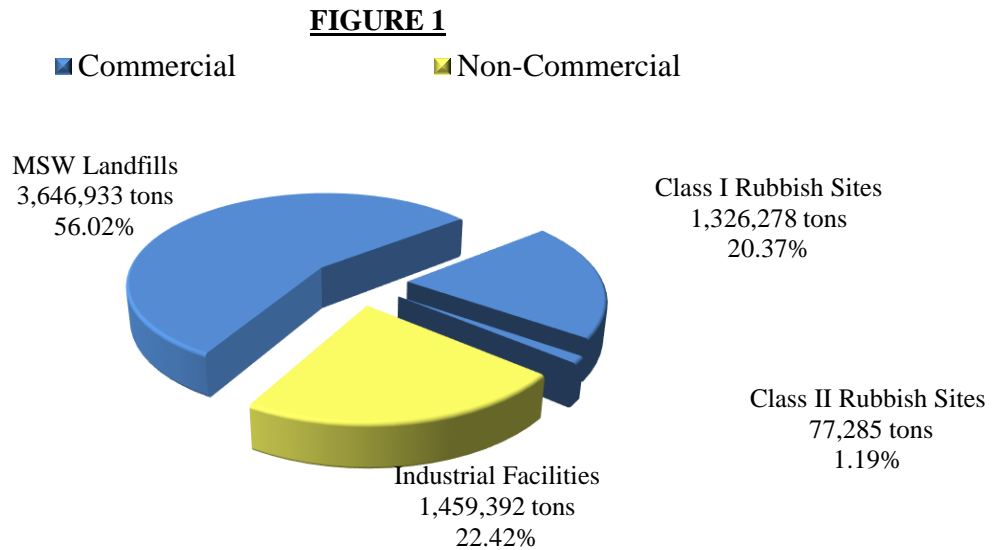
For previous reports or for additional information on solid waste management in Mississippi, please visit the MDEQ Waste Division's webpage at:

www.mdeq.ms.gov/waste.

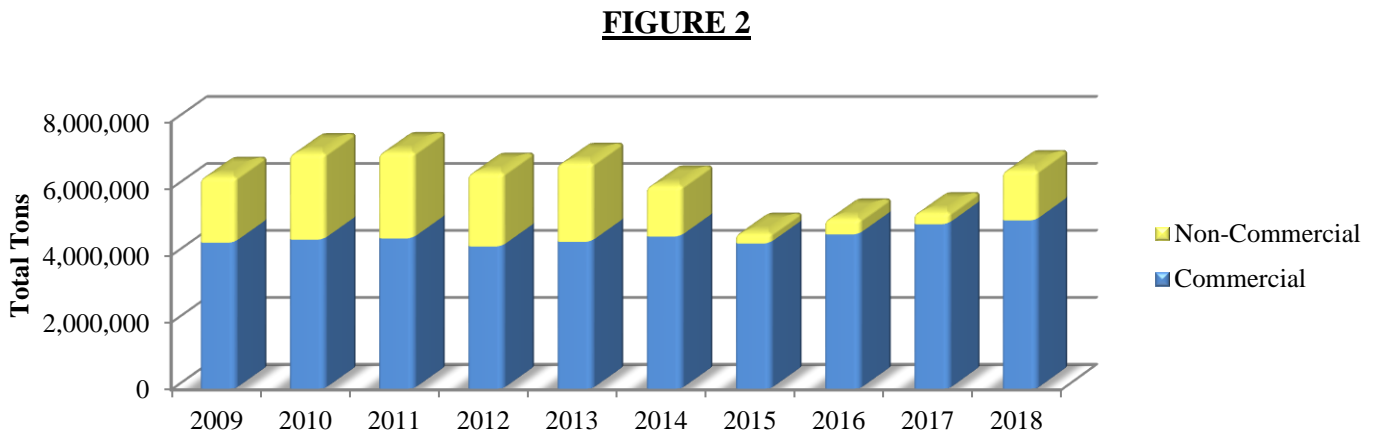
Status Report Summary

Solid Waste Disposal Facilities

The annual facility reports indicate that a total of 6,509,889 tons of solid waste was received for disposal during Calendar Year 2018 at commercial and non-commercial landfills and rubbish sites. Commercial solid waste disposal facilities disposed of 5,050,496 tons (77.58%) of waste and non-commercial solid waste disposal facilities disposed of 1,459,392 tons (22.42%) of waste (see Figure 1).



This status report also indicates that Mississippi received a total of 966,748 tons of solid waste from out-of-state sources representing 14.85% of the total solid waste that was disposed during Calendar Year 2018. Commercial landfills received 795,212 tons and commercial rubbish sites received 171,536 tons of out-of-state waste. Overall, in 2018, Mississippi solid waste disposal facilities received 1,255,461 tons more nonhazardous solid waste for disposal than during Calendar Year 2017 (see Figure 2).



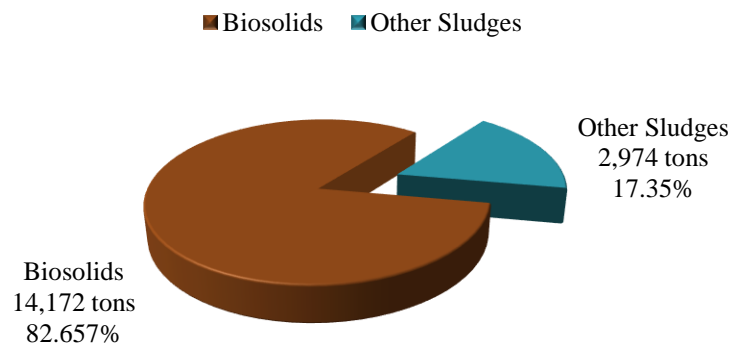
Transfer Stations

The annual reports indicate that a total of 864,576 tons of solid waste was received during Calendar Year 2018 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 17,146 tons of solid waste was received during Calendar Year 2018 at permitted land application sites. Land application sites applied 14,172 dry tons (82.65%) of municipal wastewater sludge (biosolids) and 2,974 dry tons (17.35%) of waste other than municipal wastewater sludge such as poultry processing sludge, industrial process sludge, and other materials (see [Figure 3](#)). It is important to note that additional land application of wastes is conducted under Beneficial Use Determinations as well.

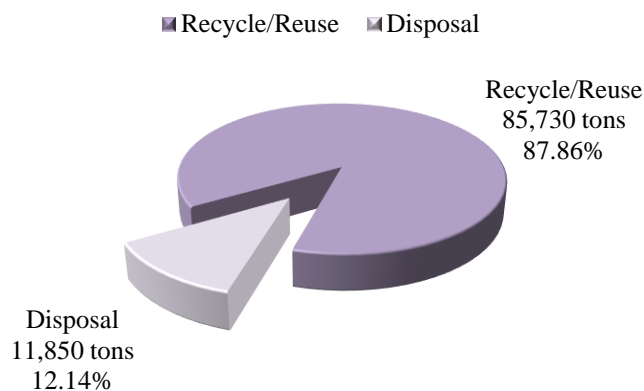
FIGURE 3



Processing Facilities

The annual reports indicate that a total of 97,580 tons of solid waste was received during Calendar Year 2018 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 85,730 tons (87.86%) of the solid wastes received and disposed of 11,850 tons (12.14%) of the solid waste received (see [Figure 4](#)).

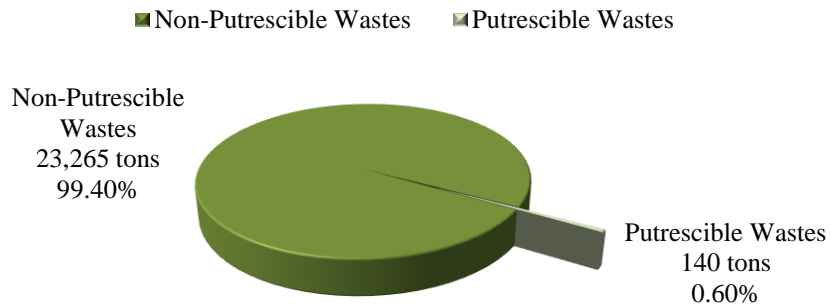
FIGURE 4



Composting Facilities

The annual reports indicate that a total of 23,405 tons of solid waste was received during Calendar Year 2018 at composting sites. Facilities that compost only non-putrescible wastes such as vegetative debris and untreated wood wastes received 23,265 tons (99.40%) of the total. Facilities that compost non-putrescible wastes and putrescible waste such as food wastes and animal manures received 140 tons (0.60%) of solid waste (see [Figure 5](#)).

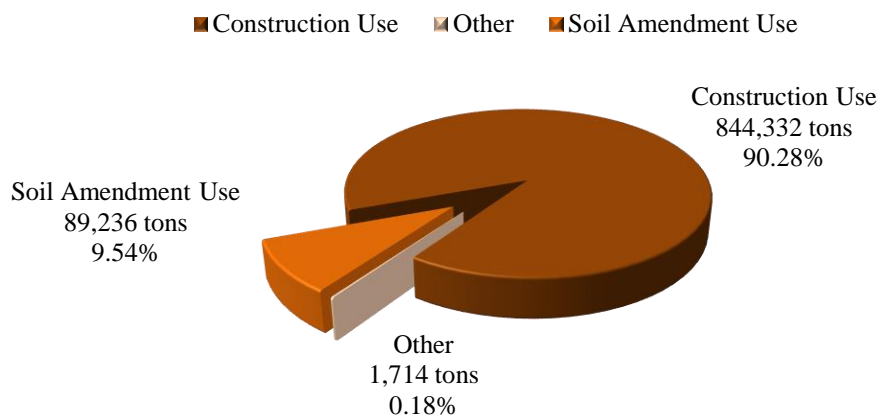
FIGURE 5



Beneficial Use Determinations

The annual reports indicate that a total of 935,282 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 2018. Construction related projects accounted for 844,332 tons (90.28%) of the by-products distributed, 89,236 tons (9.54%) were used in soil amendment or conditioning activities, and 1,714 tons (0.18%) were used for other purposes (see [Figure 6](#)).

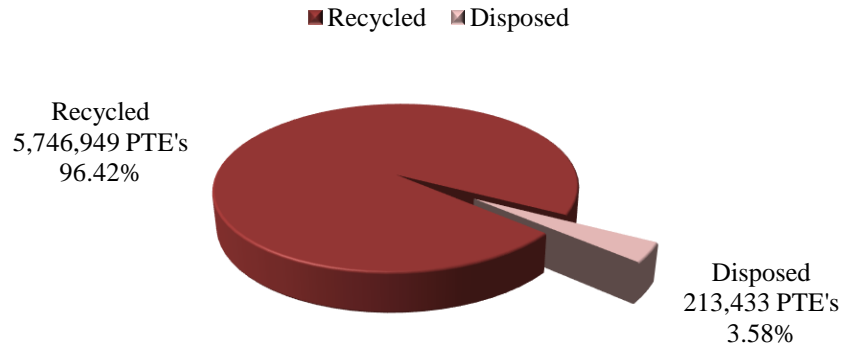
FIGURE 6



Waste Tire Management Program

The waste tire processing facility reports indicate that a total of approximately 5,960,382 passenger tire equivalents (PTE's) were managed in Mississippi during Calendar Year 2018. Approximately 5,746,949 PTE's (96.42%) of the waste tires went to processing facilities that recycle the majority of the waste tire and the remaining 213,433 PTE's (3.58%) 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 2018, and 1 MSW landfill was inactive. According to the submitted annual reports, these landfills disposed of a total of 3,646,933 tons of solid waste during Calendar Year 2018.

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 2018 for MSW landfills; and
3. Individual state maps for the 20 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 2018, Mississippi MSW landfills received 221,364 tons more municipal solid waste for disposal than during Calendar Year 2017 (see [Figure 8](#) below).

FIGURE 8

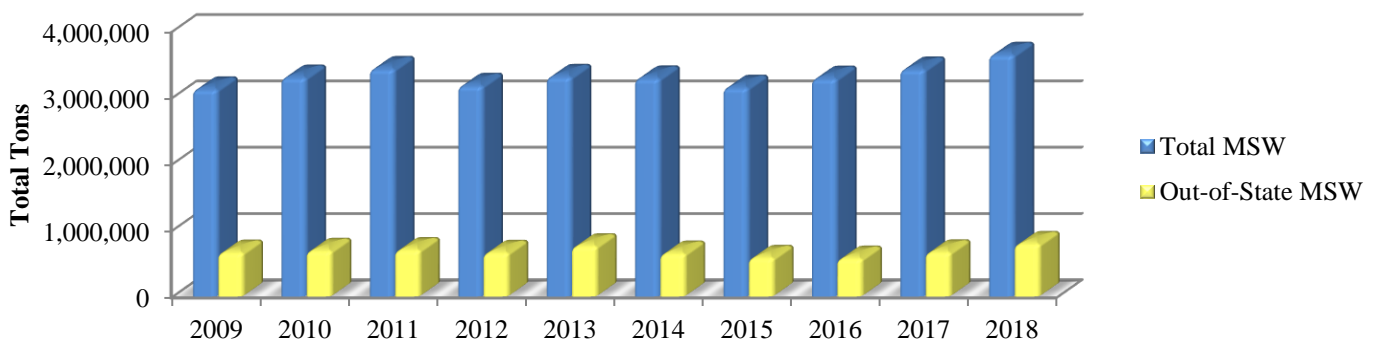


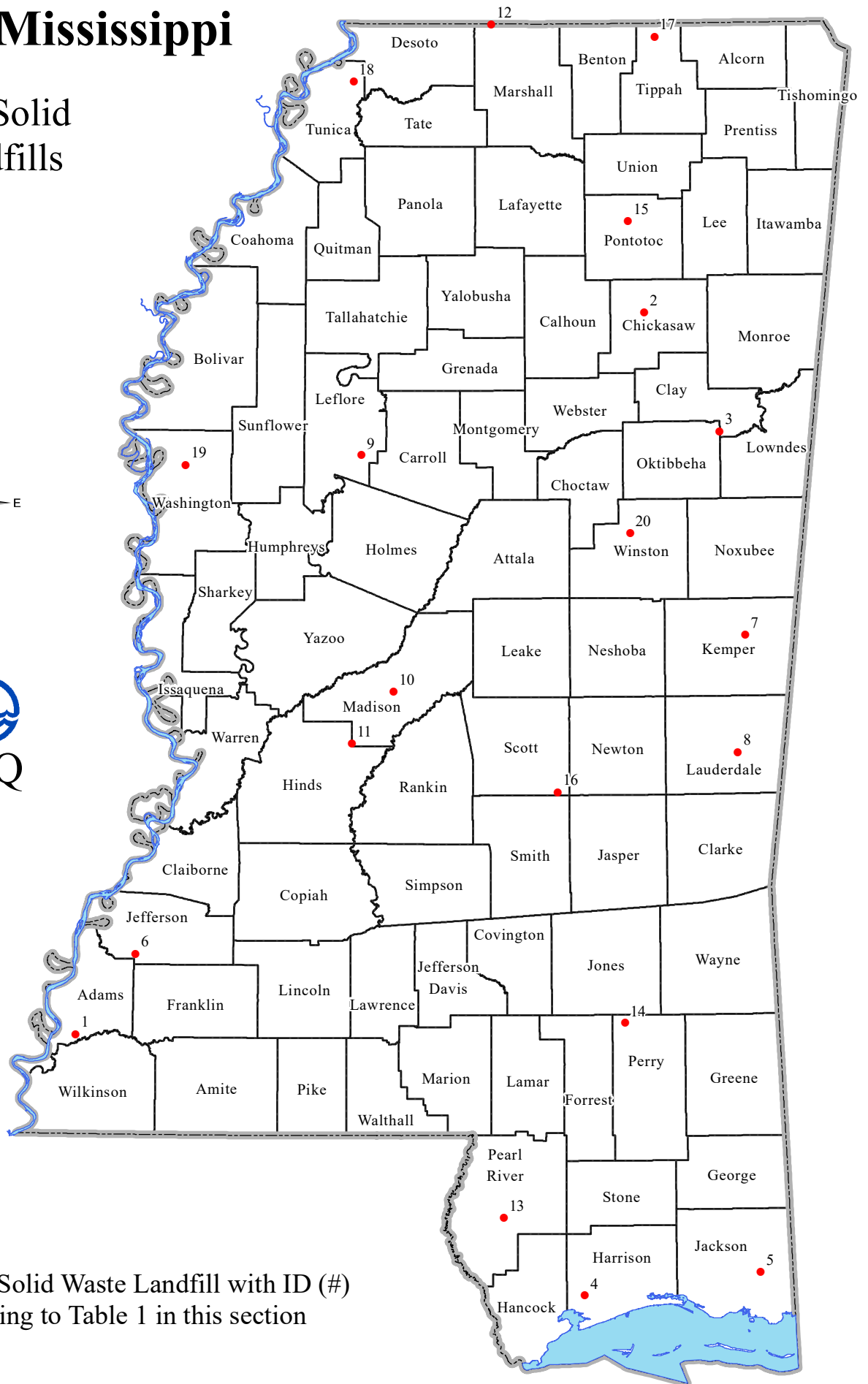
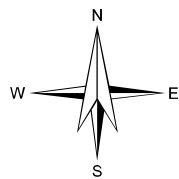
FIGURE 9 below shows a comparison of the annual disposal amounts for MSW landfills from Calendar Years 2014 through 2018. Over this five-year period, the average annual percent change in disposal rates was 2.01% for total MSW, 2.30% for in-state MSW, and 1.75% for out-of-state MSW. The total amount of wastes disposed at MSW Landfills during Calendar Year 2018 represents a 10.8% increase over the total amount of waste received in Calendar Year 2014.

FIGURE 9

	<u>CALENDAR YEAR</u>					
MSW (tons)	2014	2015	2016	2017	2018	Avg. Annual % Change
Total	3,290,438	3,151,292	3,287,523	3,425,569	3,646,933	2.01%
In-State	2,639,751	2,545,645	2,712,736	2,755,901	2,851,721	2.30%
Out-of-State	650,687	605,647	574,787	669,668	795,212	1.75%

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 2018

(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	84,908	8,095	0.10	73
2	Chickasaw	Prairie Bluff Landfill	Waste Mgt. of MS, Inc.	236	74,237	14,223	0.19	150
3	Clay	Golden Triangle Reg. Landfill	Golden Triangle Reg. SWMA	288	185,824	13	0.00	50
4	Harrison	Pecan Grove Landfill	Waste Mgt. of MS, Inc.	176	332,084	2,351	0.01	17
5	Jackson	MacLand Landfill**	MacLand Disposal Center, Inc.	49	75,642	5,142	0.07	16
6	Jefferson	Riverbend Landfill	Riverbend Env. Services, LLC	162	252,060	140,799	0.56	38
7	Kemper	Kemper Co. Landfill	Kemper Co. Landfill Company	22	44,152	33	0.00	12
8	Lauderdale	Pine Ridge Landfill	Waste Mgt. of MS, Inc.	75	85,724	14,003	0.16	34
9	Leflore	Leflore County Landfill	Leflore Co. B.O.S.	56	110,351			7
10	Madison	Canton Sanitary Landfill	City of Canton	49	35,181			3
11	Madison	Little Dixie Landfill	BFI Waste Sys. of MS, LLC	165	204,548	255	0.00	19
12	Marshall	Quad County Landfill**	Quad County Environmental Solutions, LLC	110	INACTIVE			25
13	Pearl River	Central Landfill	TransAmerican Waste, Inc.	109	55,464	3,620	0.07	122
14	Perry	Pine Belt Reg. Landfill	Pine Belt Reg. SWMA	107	160,304			22
15	Pontotoc	Three Rivers Reg. Landfill	Three Rivers Reg. SWMA	207	261,739			48
16	Scott	Clearview Env. Control Facility	Chambers of MS, Inc.	145	499,948	196	0.00	26
17	Tippah	Northeast MS Reg. Landfill	Northeast MS Reg. SWMA	82	557,263	301,850	0.54	5
18	Tunica	Tunica Landfill	Waste Mgt. of Tunica, Inc.	203	403,491	296,172	0.73	69
19	Washington	Big River Landfill	BFI Waste Sys. of MS, LLC	148	205,388	8,460	0.04	81
20	Winston	Louisville Landfill	City of Louisville	39	18,625			66

Total **3,646,933** **795,212** **21.80**

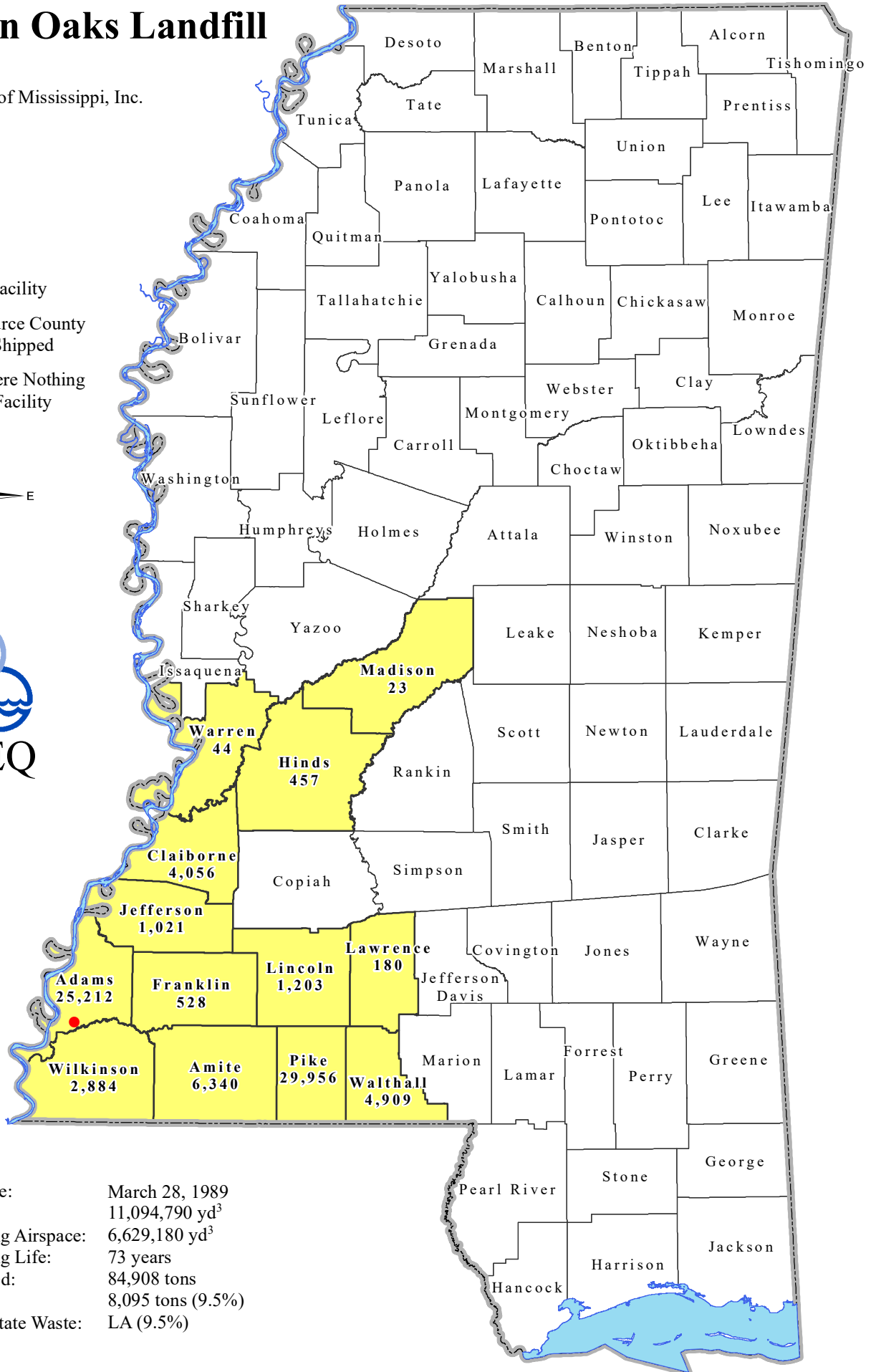
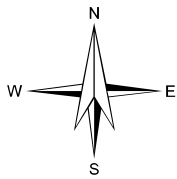
**Facility accepts only non-residential MSW

Plantation Oaks Landfill

Waste Management of Mississippi, Inc.

35 Shieldsboro Rd
 Sibley, MS 39165
 N31°21'25.03"
 W91°23'42.02"

- Receiving Facility
- In-State Source County
Total Tons Shipped
- County Where Nothing Shipped to Facility



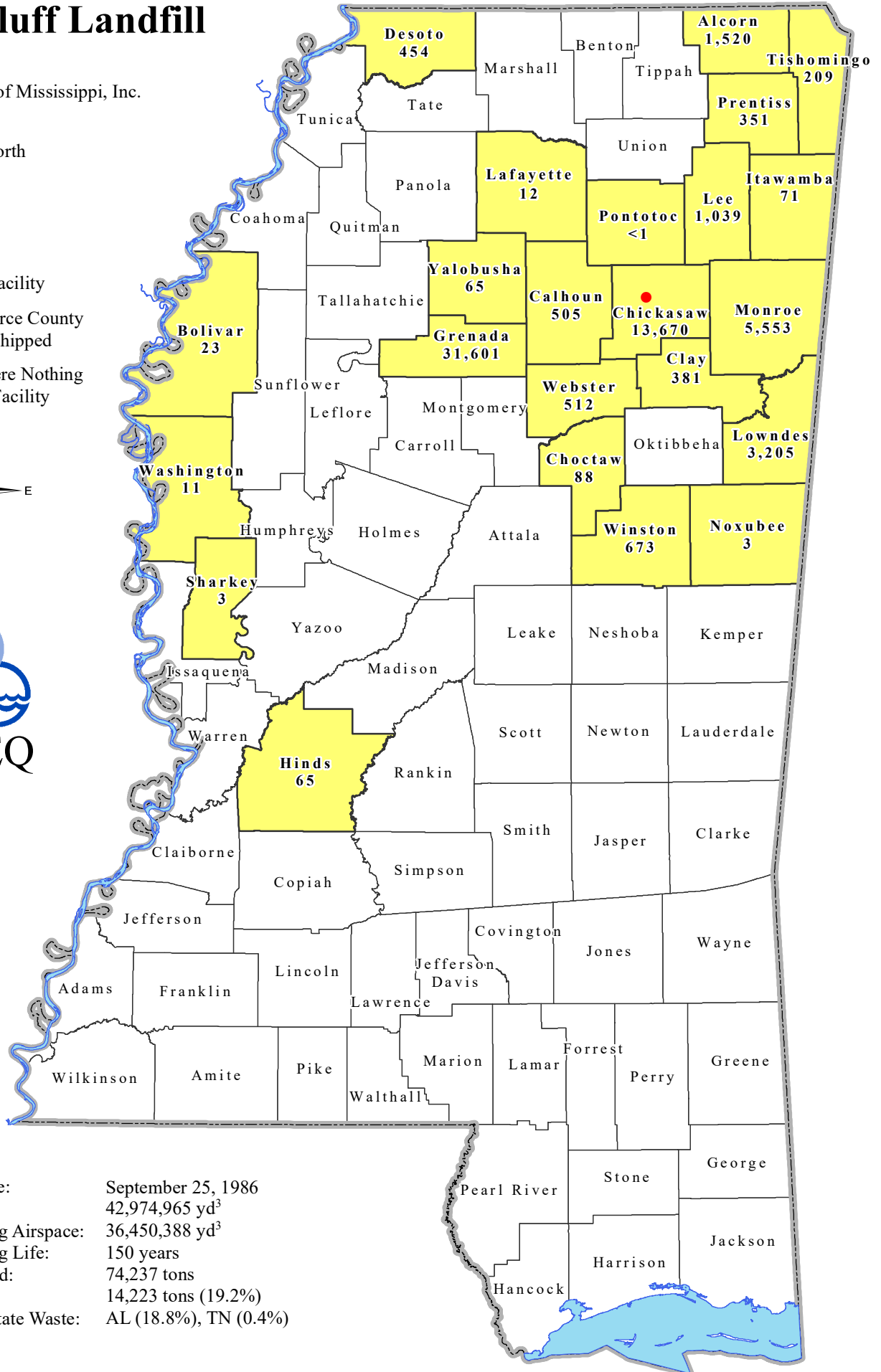
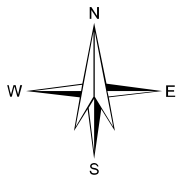
Permit Issuance Date: March 28, 1989
 Permitted Airspace: 11,094,790 yd³
 Estimated Remaining Airspace: 6,629,180 yd³
 Estimated Remaining Life: 73 years
 Total Waste Received: 84,908 tons
 Out-of-State Waste: 8,095 tons (9.5%)
 Sources of Out-of-State Waste: LA (9.5%)

Prairie Bluff Landfill

Waste Management of Mississippi, Inc.

1649 Highway 15 North
Houston, MS 38851
N33°57'30.66"
W88°59'31.44"

- Receiving Facility
- In-State Source County
Total Tons Shipped
- County Where Nothing
Shipped to Facility



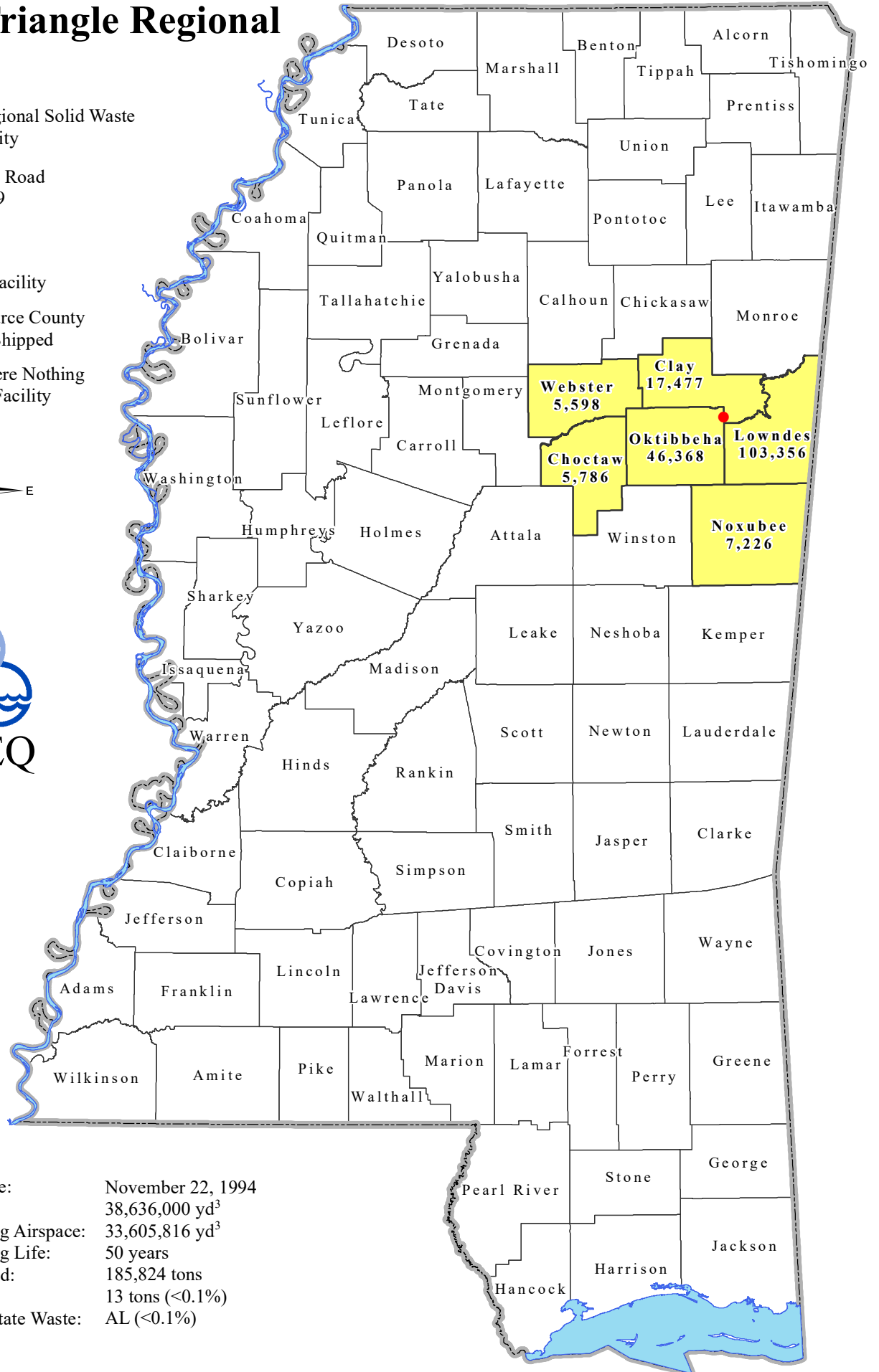
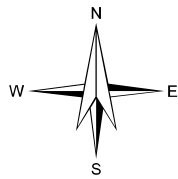
Permit Issuance Date:	September 25, 1986
Permitted Airspace:	42,974,965 yd ³
Estimated Remaining Airspace:	36,450,388 yd ³
Estimated Remaining Life:	150 years
Total Waste Received:	74,237 tons
Out-of-State Waste:	14,223 tons (19.2%)
Sources of Out-of-State Waste:	AL (18.8%), TN (0.4%)

Golden Triangle Regional Landfill

Golden Triangle Regional Solid Waste Management Authority

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

- Receiving Facility
- In-State Source County
Total Tons Shipped
- County Where Nothing Shipped to Facility



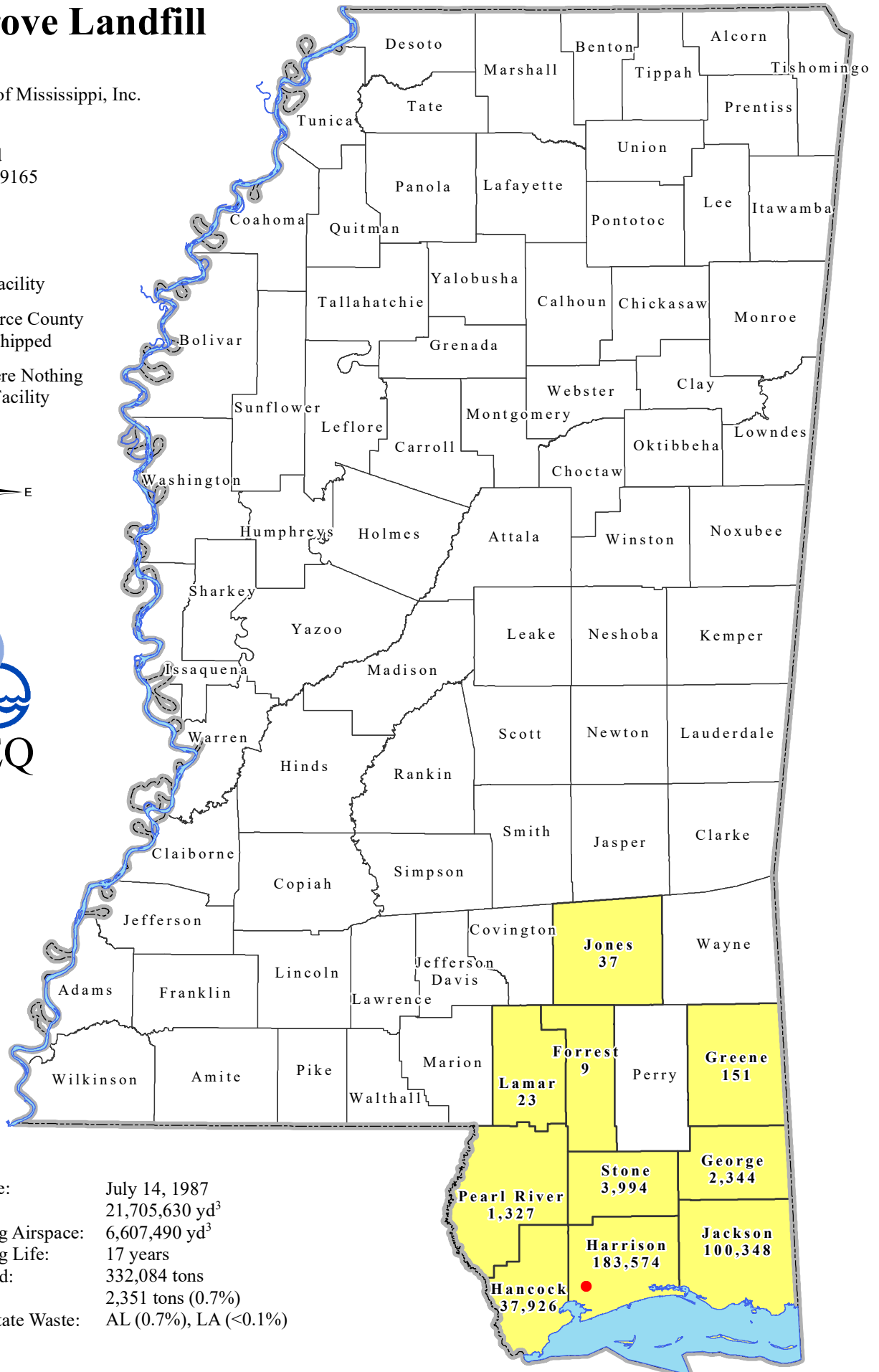
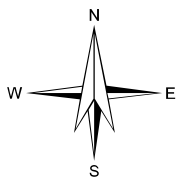
Permit Issuance Date: November 22, 1994
 Permitted Airspace: 38,636,000 yd³
 Estimated Remaining Airspace: 33,605,816 yd³
 Estimated Remaining Life: 50 years
 Total Waste Received: 185,824 tons
 Out-of-State Waste: 13 tons (<0.1%)
 Sources of Out-of-State Waste: AL (<0.1%)

Pecan Grove Landfill

Waste Management of Mississippi, Inc.

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

- Receiving Facility
- In-State Source County
Total Tons Shipped
- County Where Nothing Shipped to Facility



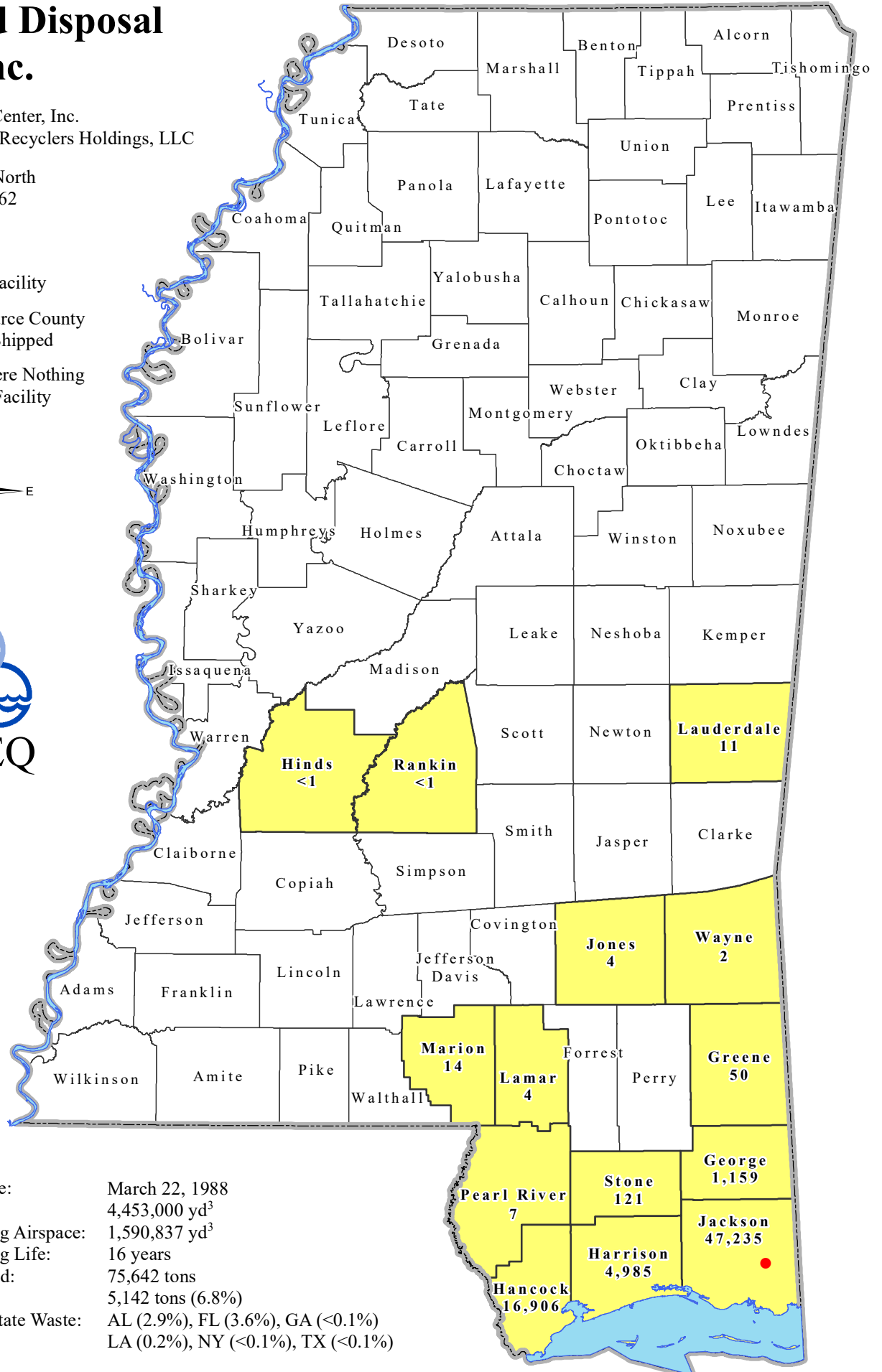
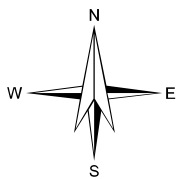
Permit Issuance Date: July 14, 1987
 Permitted Airspace: 21,705,630 yd³
 Estimated Remaining Airspace: 6,607,490 yd³
 Estimated Remaining Life: 17 years
 Total Waste Received: 332,084 tons
 Out-of-State Waste: 2,351 tons (0.7%)
 Sources of Out-of-State Waste: AL (0.7%), LA (<0.1%)

MacLand Disposal Center Inc.

MacLand Disposal Center, Inc.
Subsidiary of Waste Recyclers Holdings, LLC

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

- Receiving Facility
- In-State Source County
Total Tons Shipped
- County Where Nothing Shipped to Facility



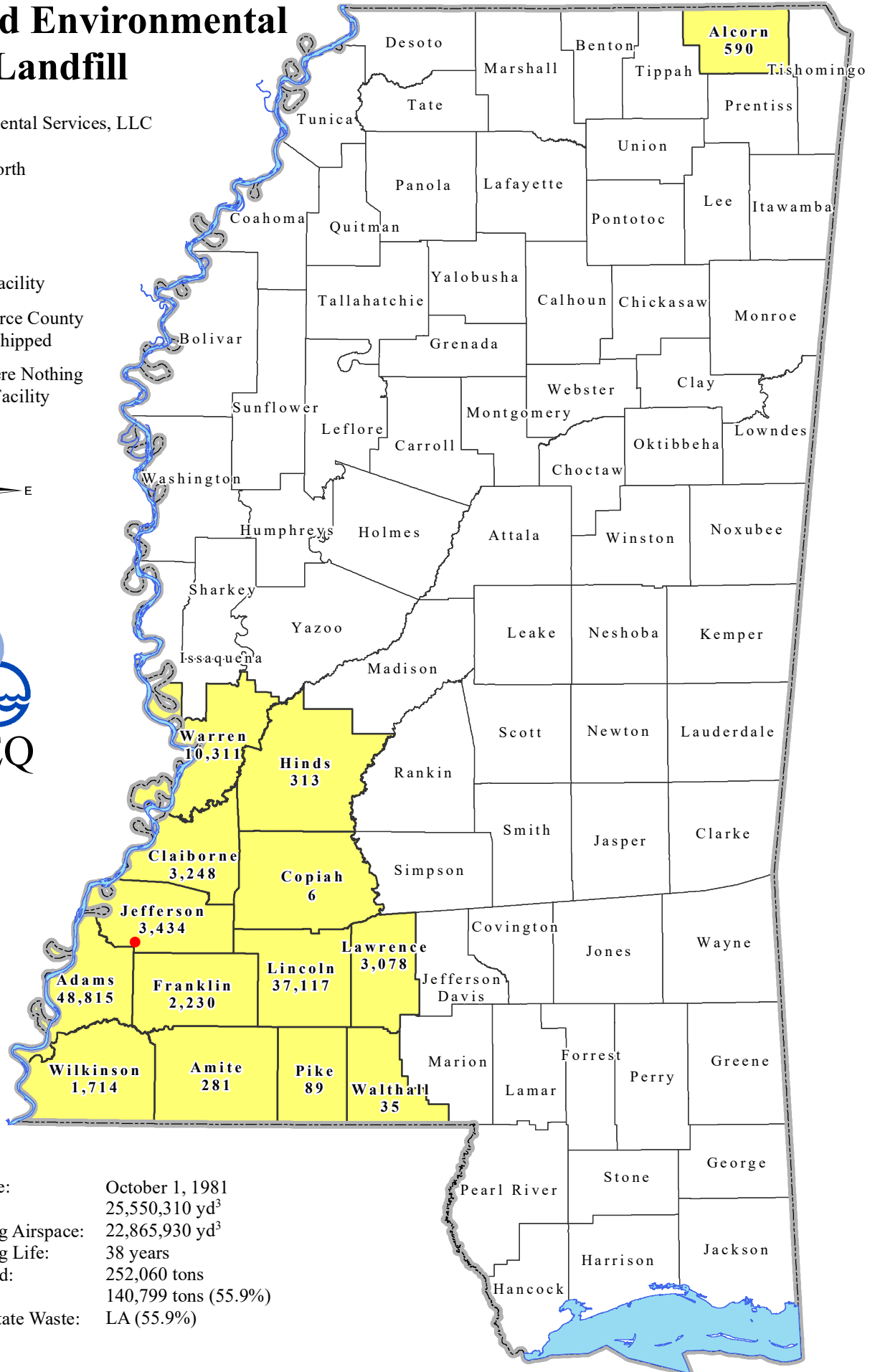
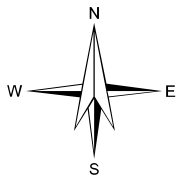
Permit Issuance Date: March 22, 1988
 Permitted Airspace: 4,453,000 yd³
 Estimated Remaining Airspace: 1,590,837 yd³
 Estimated Remaining Life: 16 years
 Total Waste Received: 75,642 tons
 Out-of-State Waste: 5,142 tons (6.8%)
 Sources of Out-of-State Waste: AL (2.9%), FL (3.6%), GA (<0.1%)
 LA (0.2%), NY (<0.1%), TX (<0.1%)

Riverbend Environmental Services Landfill

Riverbend Environmental Services, LLC

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

- Receiving Facility
- In-State Source County
Total Tons Shipped
- County Where Nothing Shipped to Facility



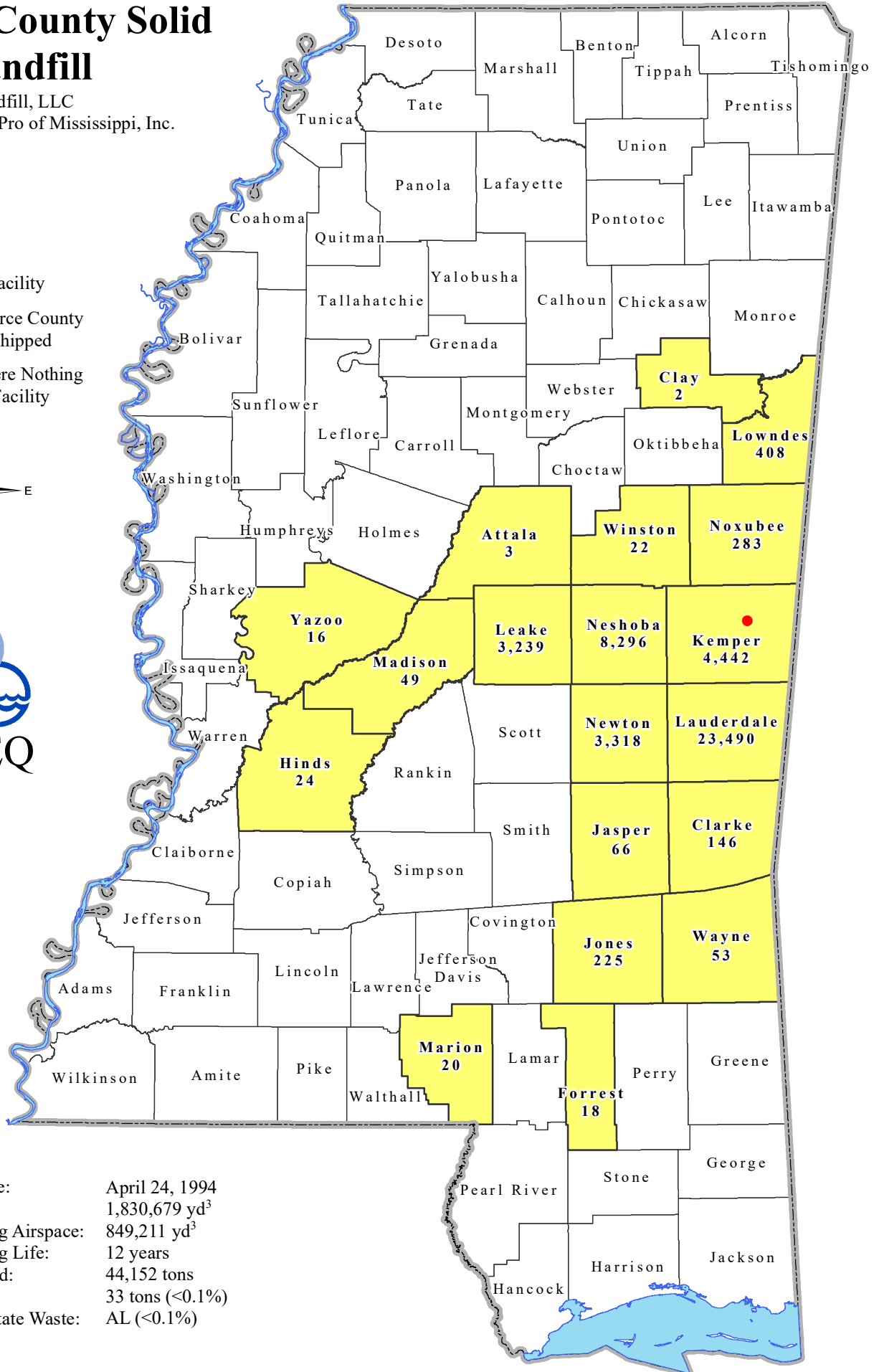
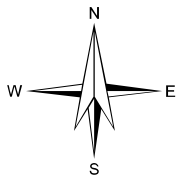
Permit Issuance Date: October 1, 1981
 Permitted Airspace: 25,550,310 yd³
 Estimated Remaining Airspace: 22,865,930 yd³
 Estimated Remaining Life: 38 years
 Total Waste Received: 252,060 tons
 Out-of-State Waste: 140,799 tons (55.9%)
 Sources of Out-of-State Waste: LA (55.9%)

Kemper County Solid Waste Landfill

Kemper County Landfill, LLC
 Subsidiary of Waste Pro of Mississippi, Inc.

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

- Receiving Facility
- In-State Source County
Total Tons Shipped
- County Where Nothing Shipped to Facility



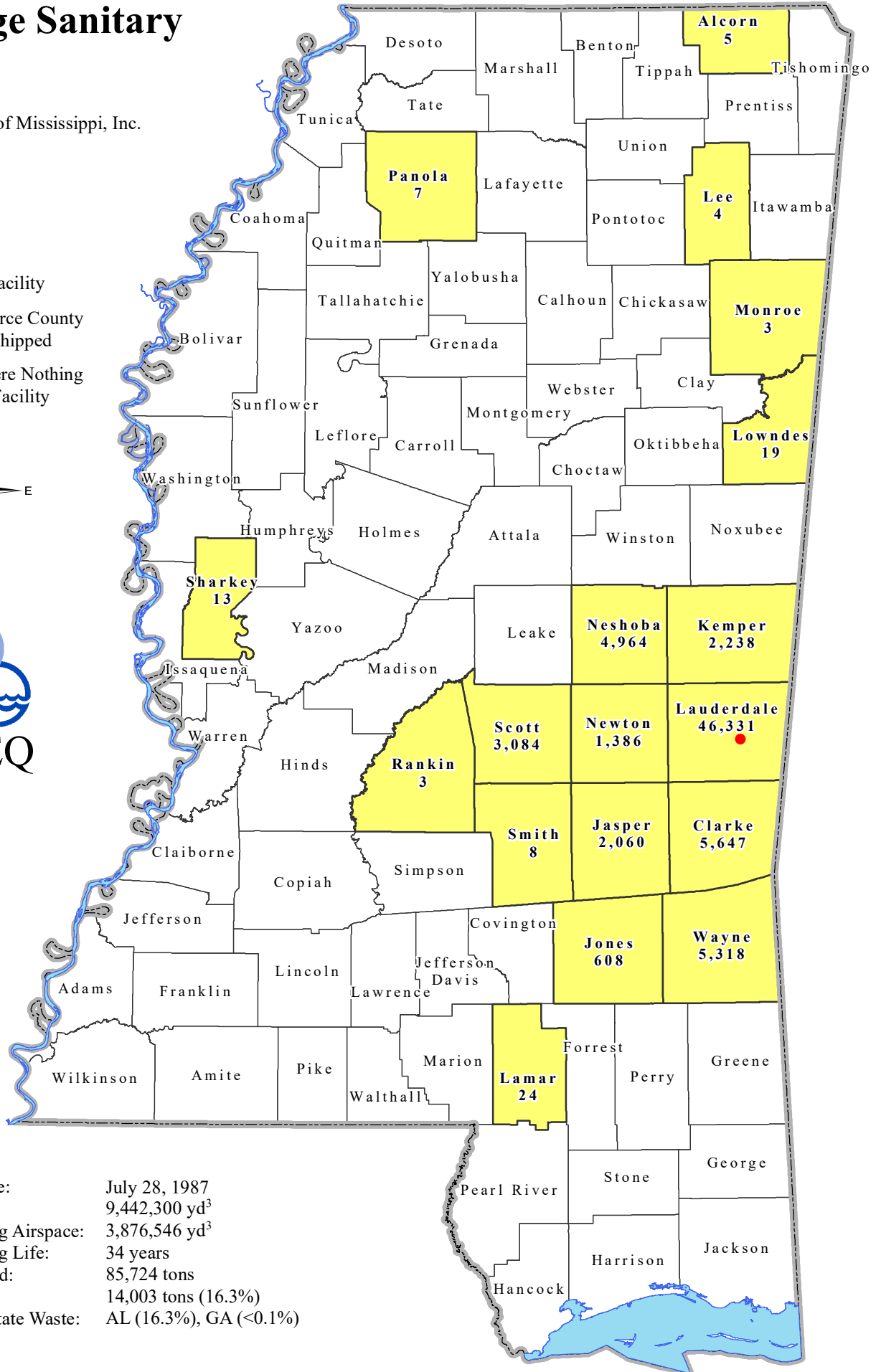
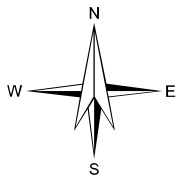
Permit Issuance Date: April 24, 1994
 Permitted Airspace: 1,830,679 yd³
 Estimated Remaining Airspace: 849,211 yd³
 Estimated Remaining Life: 12 years
 Total Waste Received: 44,152 tons
 Out-of-State Waste: 33 tons (<0.1%)
 Sources of Out-of-State Waste: AL (<0.1%)

Pine Ridge Sanitary Landfill

Waste Management of Mississippi, Inc.

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

- Receiving Facility
- In-State Source County
Total Tons Shipped
- County Where Nothing Shipped to Facility



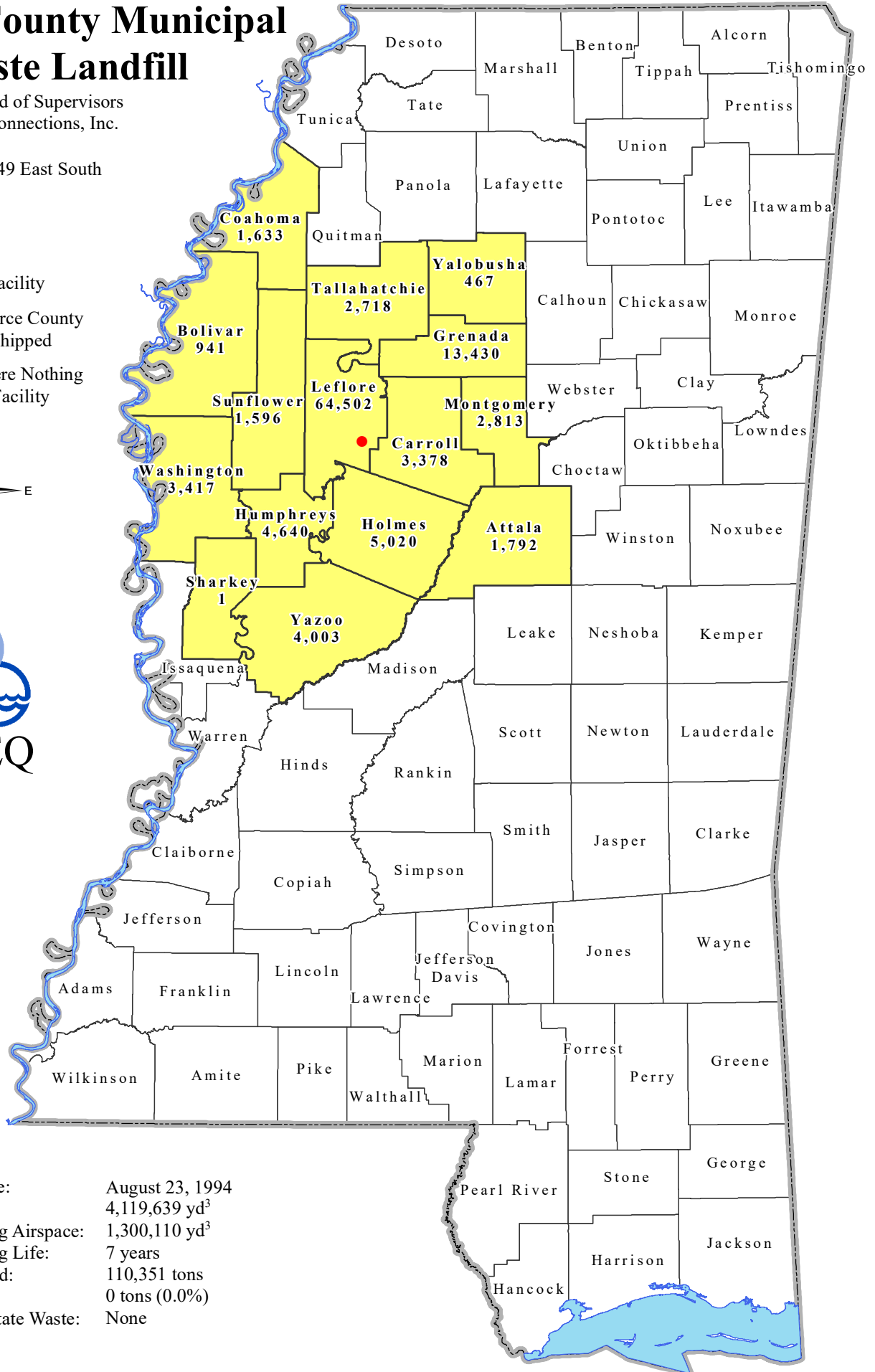
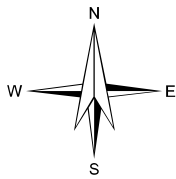
Permit Issuance Date: July 28, 1987
 Permitted Airspace: 9,442,300 yd³
 Estimated Remaining Airspace: 3,876,546 yd³
 Estimated Remaining Life: 34 years
 Total Waste Received: 85,724 tons
 Out-of-State Waste: 14,003 tons (16.3%)
 Sources of Out-of-State Waste: AL (16.3%), GA (<0.1%)

Leflore County Municipal Solid Waste Landfill

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

15200 US Highway 49 East South
Sidon, MS 38930
33° 26' 44.03" N
90° 12' 28.01" W

- Receiving Facility
- In-State Source County
Total Tons Shipped
- County Where Nothing Shipped to Facility



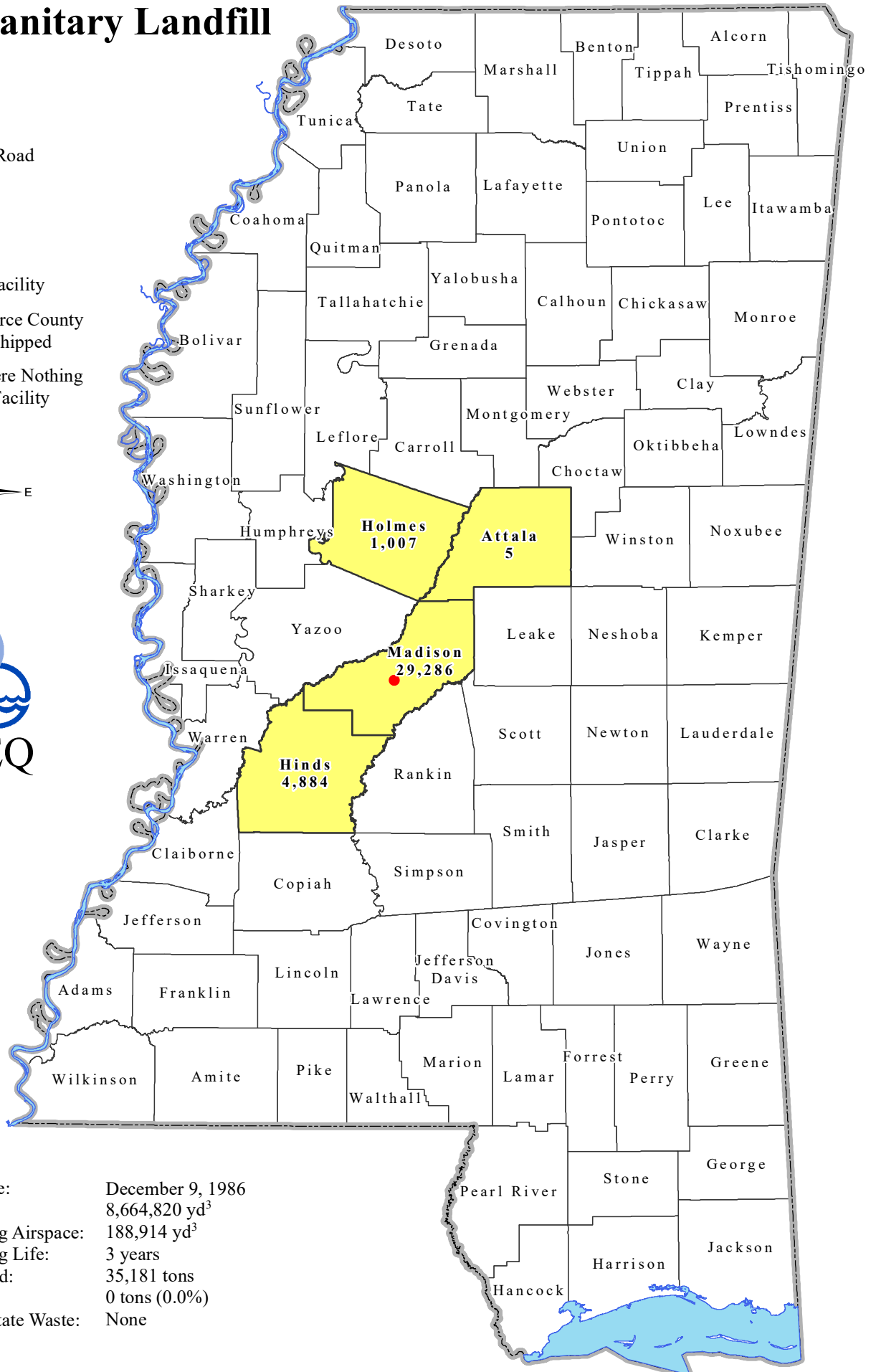
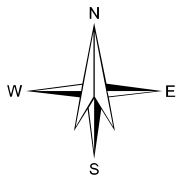
Permit Issuance Date: August 23, 1994
 Permitted Airspace: 4,119,639 yd³
 Estimated Remaining Airspace: 1,300,110 yd³
 Estimated Remaining Life: 7 years
 Total Waste Received: 110,351 tons
 Out-of-State Waste: 0 tons (0.0%)
 Sources of Out-of-State Waste: None

Canton Sanitary Landfill

City of Canton

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

- Receiving Facility
- In-State Source County
Total Tons Shipped
- County Where Nothing Shipped to Facility



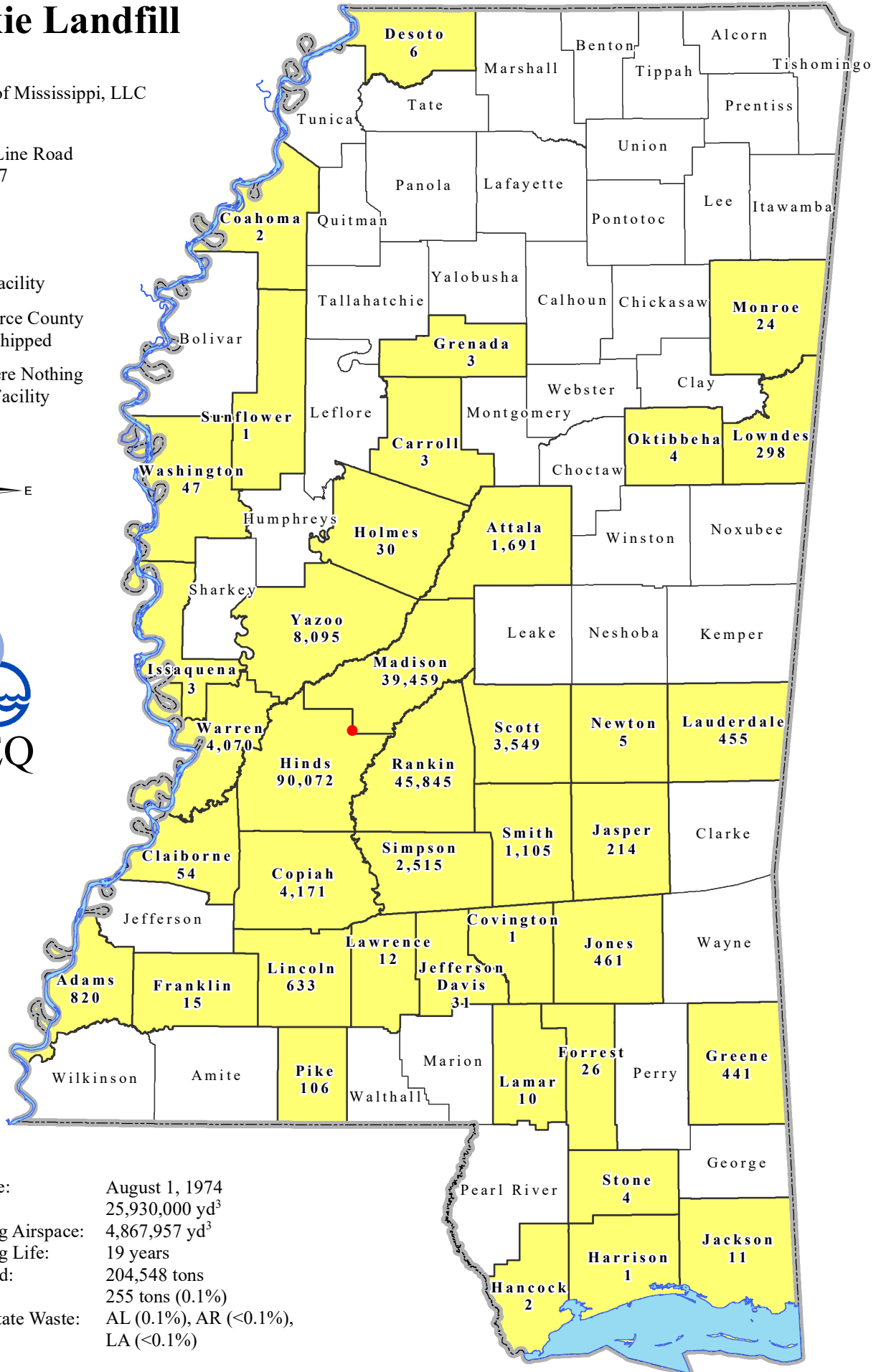
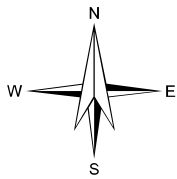
Permit Issuance Date:	December 9, 1986
Permitted Airspace:	8,664,820 yd ³
Estimated Remaining Airspace:	188,914 yd ³
Estimated Remaining Life:	3 years
Total Waste Received:	35,181 tons
Out-of-State Waste:	0 tons (0.0%)
Sources of Out-of-State Waste:	None

Little Dixie Landfill

BFI Waste Systems of Mississippi, LLC

1716 North County Line Road
 Ridgeland, MS 39157
 32° 24' 37.05" N
 90° 14' 35.07" W

- Receiving Facility
- In-State Source County
Total Tons Shipped
- County Where Nothing Shipped to Facility



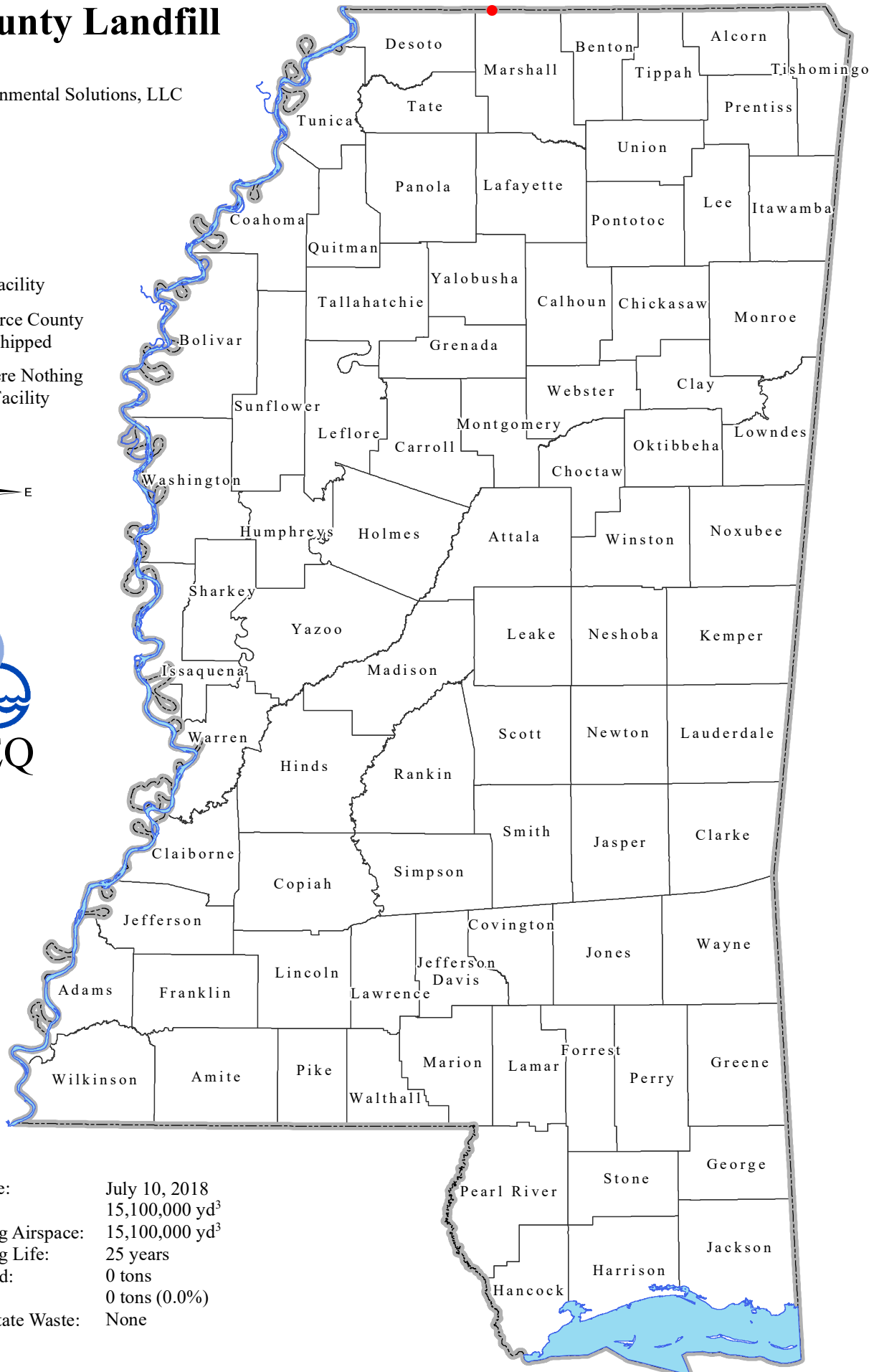
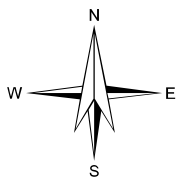
Permit Issuance Date: August 1, 1974
 Permitted Airspace: 25,930,000 yd³
 Estimated Remaining Airspace: 4,867,957 yd³
 Estimated Remaining Life: 19 years
 Total Waste Received: 204,548 tons
 Out-of-State Waste: 255 tons (0.1%)
 Sources of Out-of-State Waste: AL (0.1%), AR (<0.1%), LA (<0.1%)

Quad County Landfill

Quad County Environmental Solutions, LLC

850 Wingo Road
 Byhalia, MS 38611
 34° 59' 35.27" N
 89° 39' 00.50" W

- Receiving Facility
- In-State Source County
Total Tons Shipped
- County Where Nothing
Shipped to Facility



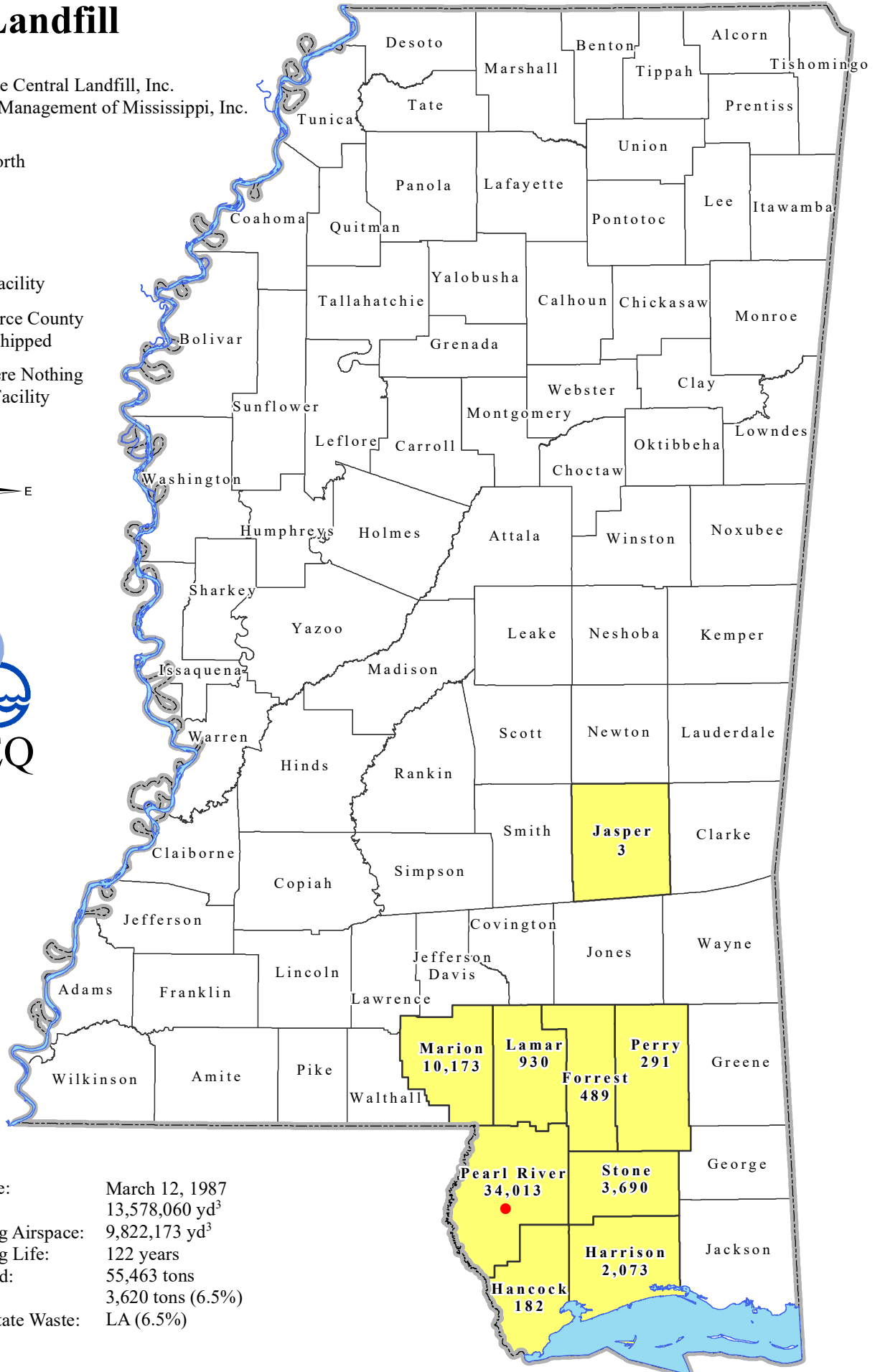
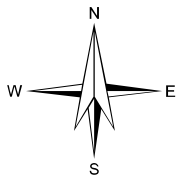
Permit Issuance Date: July 10, 2018
 Permitted Airspace: 15,100,000 yd³
 Estimated Remaining Airspace: 15,100,000 yd³
 Estimated Remaining Life: 25 years
 Total Waste Received: 0 tons
 Out-of-State Waste: 0 tons (0.0%)
 Sources of Out-of-State Waste: None

Central Landfill

TransAmerican Waste Central Landfill, Inc.
 Subsidiary of Waste Management of Mississippi, Inc.

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

- Receiving Facility
- In-State Source County
Total Tons Shipped
- County Where Nothing Shipped to Facility



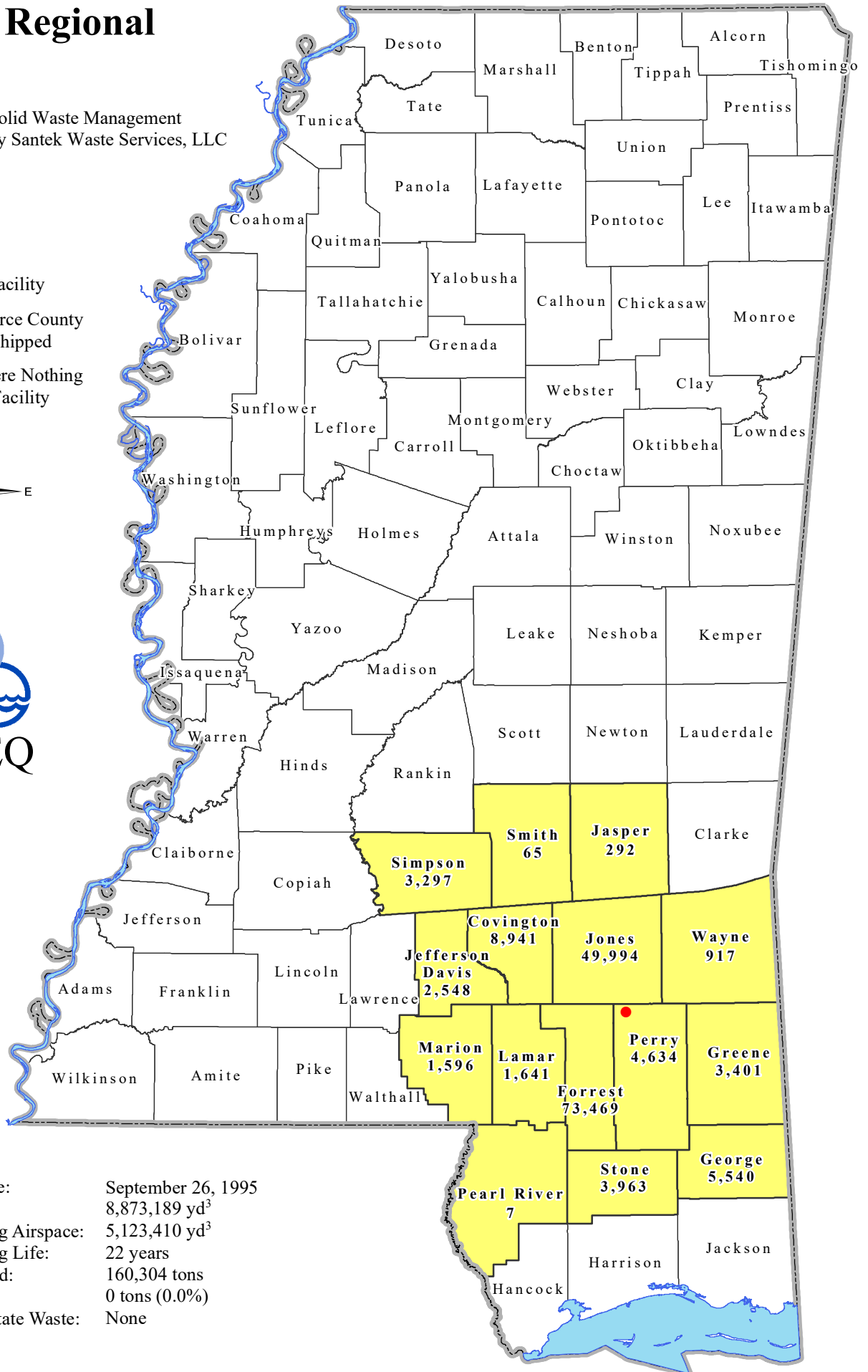
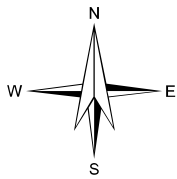
Permit Issuance Date: March 12, 1987
 Permitted Airspace: 13,578,060 yd³
 Estimated Remaining Airspace: 9,822,173 yd³
 Estimated Remaining Life: 122 years
 Total Waste Received: 55,463 tons
 Out-of-State Waste: 3,620 tons (6.5%)
 Sources of Out-of-State Waste: LA (6.5%)

Pine Belt Regional Landfill

Pine Belt Regional Solid Waste Management Authority operated by Santek Waste Services, LLC

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

- Receiving Facility
- In-State Source County
Total Tons Shipped
- County Where Nothing Shipped to Facility



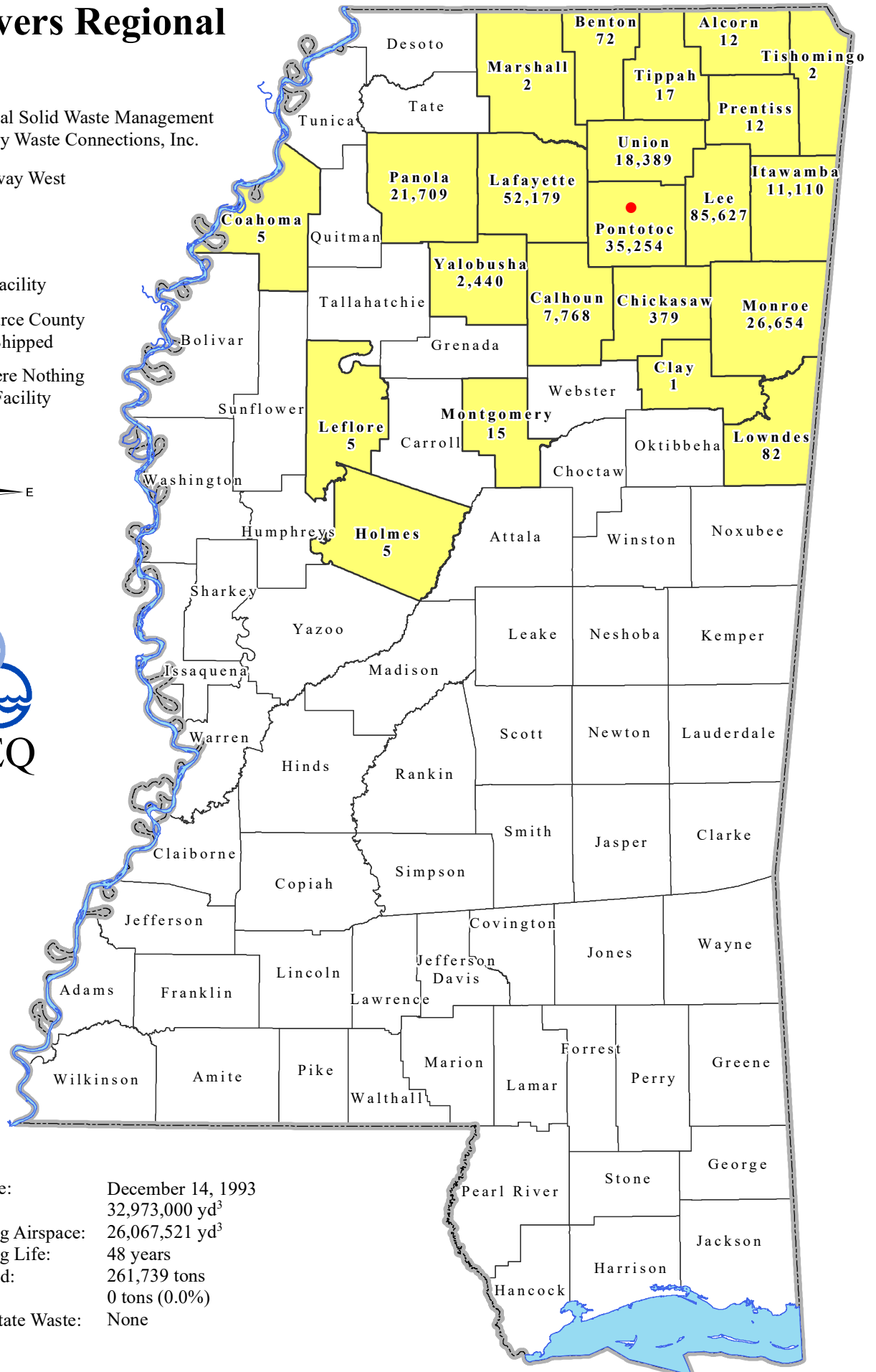
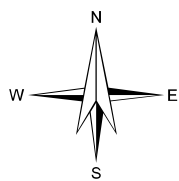
Permit Issuance Date:	September 26, 1995
Permitted Airspace:	8,873,189 yd ³
Estimated Remaining Airspace:	5,123,410 yd ³
Estimated Remaining Life:	22 years
Total Waste Received:	160,304 tons
Out-of-State Waste:	0 tons (0.0%)
Sources of Out-of-State Waste:	None

Three Rivers Regional Landfill

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

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

- Receiving Facility
- In-State Source County Total Tons Shipped
- County Where Nothing Shipped to Facility



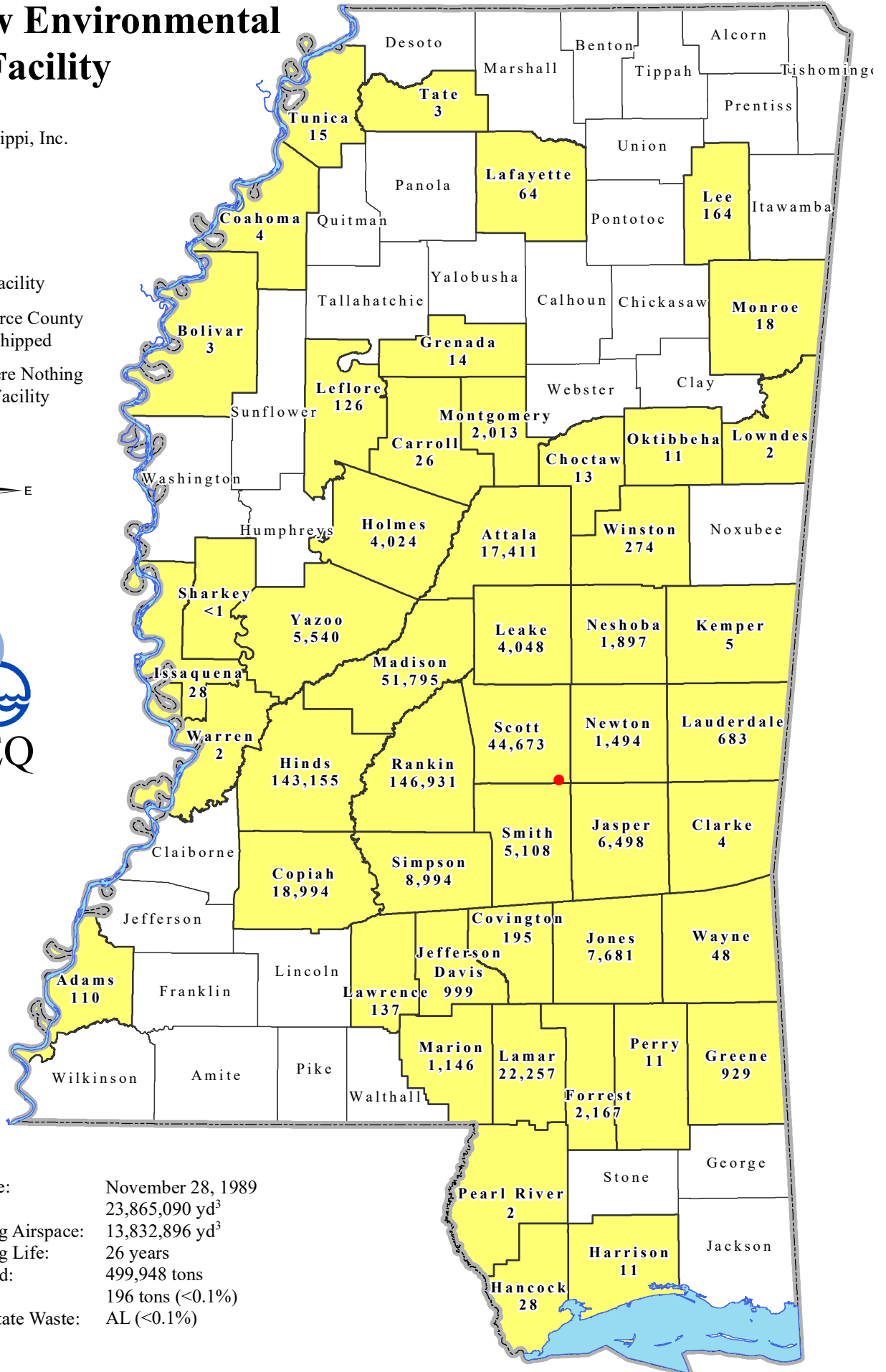
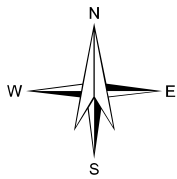
Permit Issuance Date: December 14, 1993
 Permitted Airspace: 32,973,000 yd³
 Estimated Remaining Airspace: 26,067,521 yd³
 Estimated Remaining Life: 48 years
 Total Waste Received: 261,739 tons
 Out-of-State Waste: 0 tons (0.0%)
 Sources of Out-of-State Waste: None

Clearview Environmental Control Facility

Chambers of Mississippi, Inc.

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

- Receiving Facility
- In-State Source County
Total Tons Shipped
- County Where Nothing Shipped to Facility



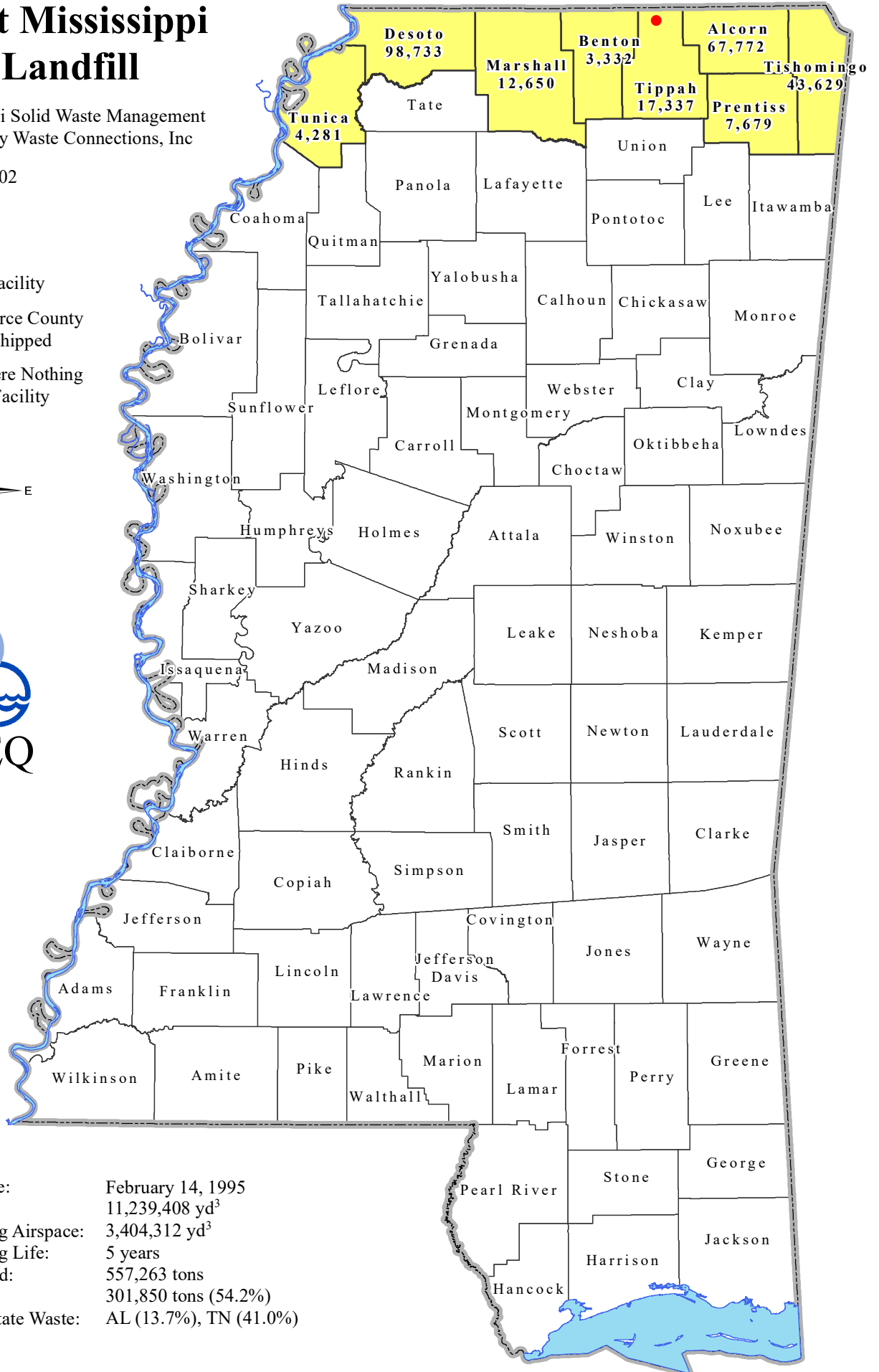
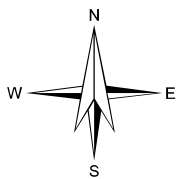
Permit Issuance Date: November 28, 1989
 Permitted Airspace: 23,865,090 yd³
 Estimated Remaining Airspace: 13,832,896 yd³
 Estimated Remaining Life: 26 years
 Total Waste Received: 499,948 tons
 Out-of-State Waste: 196 tons (<0.1%)
 Sources of Out-of-State Waste: AL (<0.1%)

Northeast Mississippi Regional Landfill

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

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

- Receiving Facility
- In-State Source County
Total Tons Shipped
- County Where Nothing
Shipped to Facility



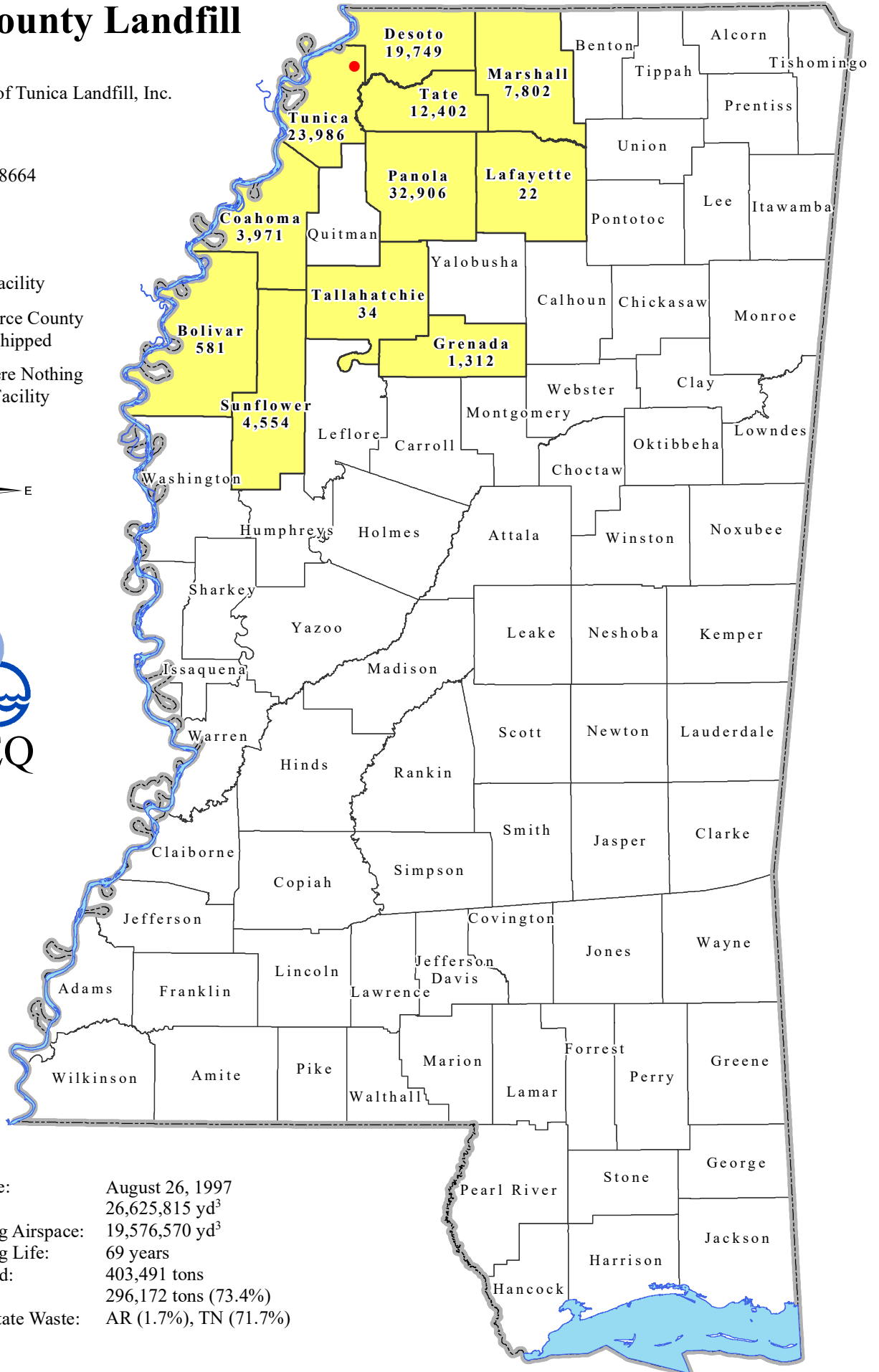
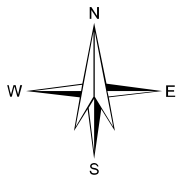
Permit Issuance Date: February 14, 1995
 Permitted Airspace: 11,239,408 yd³
 Estimated Remaining Airspace: 3,404,312 yd³
 Estimated Remaining Life: 5 years
 Total Waste Received: 557,263 tons
 Out-of-State Waste: 301,850 tons (54.2%)
 Sources of Out-of-State Waste: AL (13.7%), TN (41.0%)

Tunica County Landfill

Waste Management of Tunica Landfill, Inc.

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

- Receiving Facility
- In-State Source County
Total Tons Shipped
- County Where Nothing Shipped to Facility



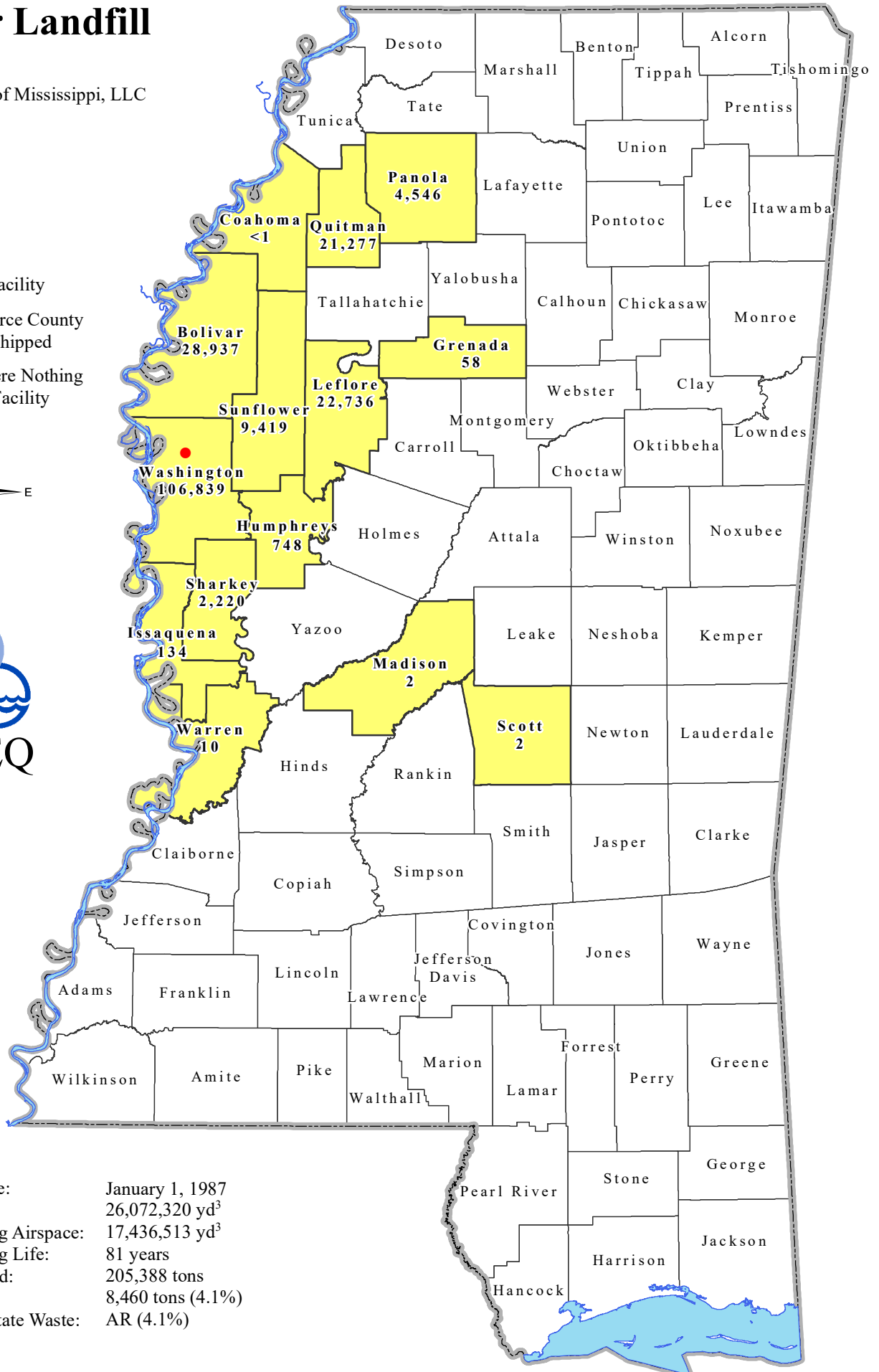
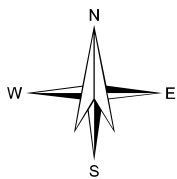
Permit Issuance Date: August 26, 1997
 Permitted Airspace: 26,625,815 yd³
 Estimated Remaining Airspace: 19,576,570 yd³
 Estimated Remaining Life: 69 years
 Total Waste Received: 403,491 tons
 Out-of-State Waste: 296,172 tons (73.4%)
 Sources of Out-of-State Waste: AR (1.7%), TN (71.7%)

Big River Landfill

BFI Waste Systems of Mississippi, LLC

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

- Receiving Facility
- In-State Source County
Total Tons Shipped
- County Where Nothing Shipped to Facility



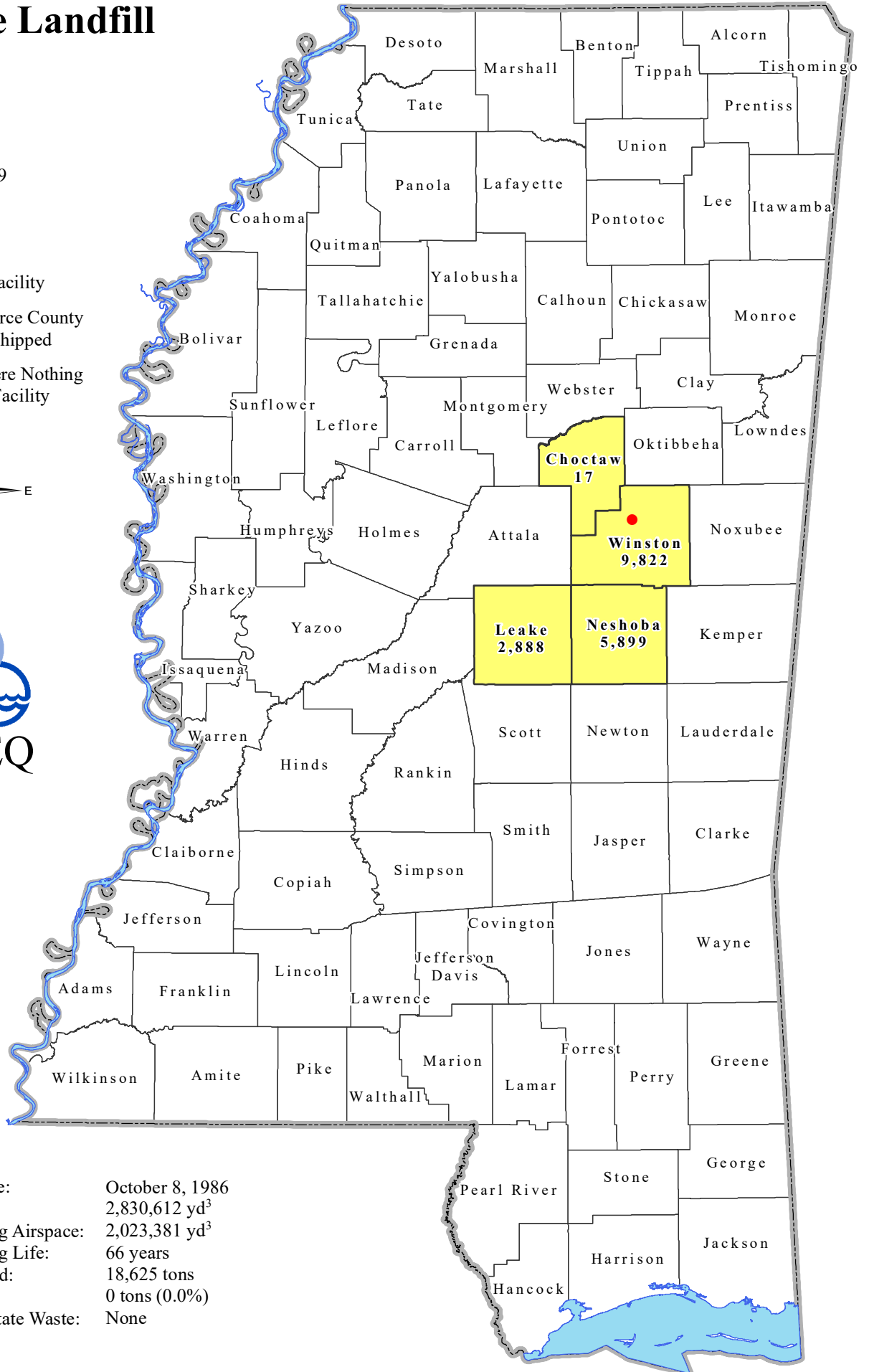
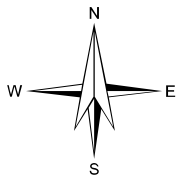
Permit Issuance Date:	January 1, 1987
Permitted Airspace:	26,072,320 yd ³
Estimated Remaining Airspace:	17,436,513 yd ³
Estimated Remaining Life:	81 years
Total Waste Received:	205,388 tons
Out-of-State Waste:	8,460 tons (4.1%)
Sources of Out-of-State Waste:	AR (4.1%)

Louisville Landfill

City of Louisville

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

- Receiving Facility
- In-State Source County
Total Tons Shipped
- County Where Nothing Shipped to Facility



Permit Issuance Date: October 8, 1986
 Permitted Airspace: 2,830,612 yd³
 Estimated Remaining Airspace: 2,023,381 yd³
 Estimated Remaining Life: 66 years
 Total Waste Received: 18,625 tons
 Out-of-State Waste: 0 tons (0.0%)
 Sources of Out-of-State Waste: None

CLASS I AND CLASS II RUBBISH SITES

Class I and Class II Rubbish Sites are disposal facilities that are designed and constructed to receive rubbish wastes from various 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 wastes are managed and disposed of each year at rubbish disposal facilities across the state. This section includes information only on those rubbish facilities that are commercial rubbish disposal facilities. Information can also be found in the Industrial and Institutional Facilities section on non-commercial rubbish sites.

Class I Rubbish

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 91 permitted commercial Class I rubbish sites during Calendar Year 2018. According to the submitted annual reports, the 72 active Class I rubbish sites disposed of a total of 1,326,278 tons of rubbish wastes (15 sites were inactive and 4 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 62 permitted commercial Class II rubbish sites during Calendar Year 2018. According to the submitted annual reports, the 47 active Class II rubbish sites disposed of a total of 77,285 tons of rubbish wastes (13 sites were inactive and 2 did not report).

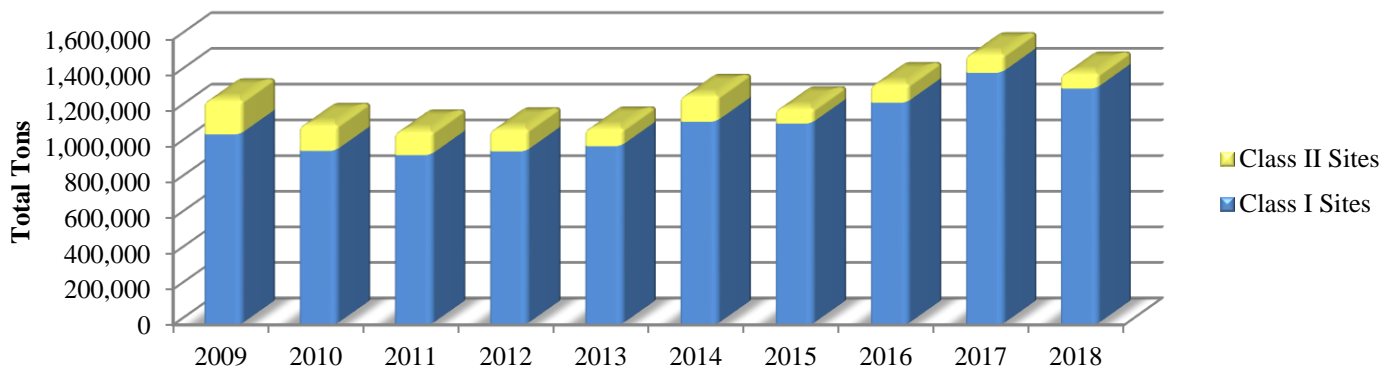
An annual report on the solid waste disposal activity conducted at each rubbish site is required by the Mississippi Code Annotated §17-17-219, Rule 1.6.E(17) of the Mississippi Nonhazardous Solid Waste Management Regulations, ACT 7.S-1 of Statewide General Permit No. SWGP-R1 for Class I rubbish sites, 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 site owners in the individual annual reports for Calendar Year 2018 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 2018 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

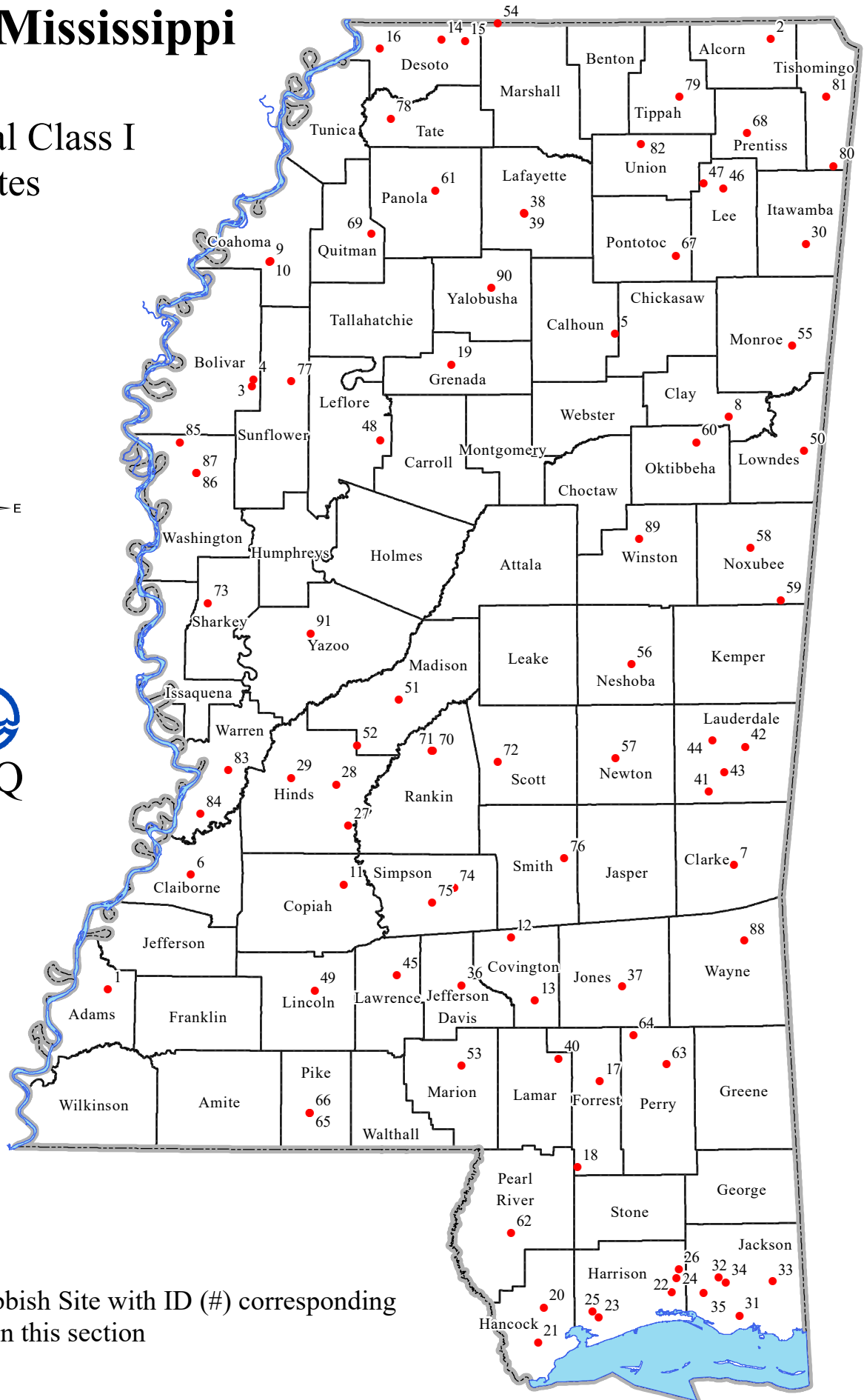
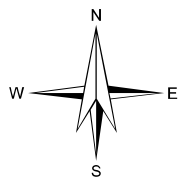
Data in this report indicates that during 2018, commercial rubbish sites received 107,796 tons less rubbish for disposal than during Calendar Year 2017 (see Figure 10).

FIGURE 10



State of Mississippi

Commercial Class I Rubbish Sites



• Class I Rubbish Site with ID (#) corresponding to Table 2 in this section

TABLE 2
Disposal Information for Permitted, Commercial Class I Rubbish Sites
Calendar Year 2018

(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	7,679	2,918	38.00	43	21.42
2	Alcorn	Alcorn Co. Rubbish Site	Alcorn Co. B.O.S.	15	INACTIVE			0	0
3	Bolivar	Bolivar Co. Rubbish Site	Bolivar Co. B.O.S.	23	3,303			10	10
4	Bolivar	Joe Reed Rubbish Site	Joe Reed & Co., Inc.	15	1,339			65	6.69
5	Calhoun	Blueberry Hill Rubbish Disposal	Joe van Anglin, Sr.	9	200			20	5.5
6	Claiborne	Claiborne Co. Rubbish Site	Claiborne Co. B.O.S.	22	3,834			15	11
7	Clarke	Clarke Co. Rubbish Site	Clarke Co. B.O.S.	27	1,682			13	13
8	Clay	West Point Rubbish Site	City of West Point	18	1,741			43	17.8
9	Coahoma	City of Clarksdale Rubbish Site	City of Clarksdale	18	INACTIVE			25	13
10	Coahoma	Clarksdale-Coahoma Rubbish Site	City of Clarksdale	16	11,464			1	0.5
11	Copiah	Krystal Gravel Rubbish Site	Krystal Gravel, Inc	15	528			20	14
12	Covington	Covington Co. Rubbish Site (N)	Covington Co. B.O.S.	4	1,043			5	0.4
13	Covington	Covington Co. Rubbish Site (S)	Covington Co. B.O.S.	24	2,101			12	9.4
14	DeSoto	DeSoto Co. Rubbish Pit	DeSoto Co. B.O.S.	38	102,980			3	3.63
15	DeSoto	Railroad Ave. Disposal	Railroad Ave. Disposal, LLC	23	30,257	10,395	34.36	34	15.8
16	DeSoto	Starlanding Rubbish Disposal	Waste Pro of Mississippi, Inc.	28	69,115	7,157	10.35	8	8.52
17	Forrest	98 Waste Class I Rubbish Site	98 Waste, LLC	15	42,635			29	12
18	Forrest	Fairley's Tire & Rubber Disposal	Fairley's Tire & Rubber Disposal, LLC	25	1,341			1	0.5
19	Grenada	Grenada Co. Rubbish Site	Grenada Co. B.O.S.	22	5,442			3	1.5
20	Hancock	Magnolia C&D Landfill	Hancock Co. Development Co.	50	INACTIVE			14	31
21	Hancock	King Rubbish Site	King Const. & Env. Serv. LLC	20	27,532	20,220	73.44	30	27
22	Harrison	Coastal Recyclers Landfill	Advanced Disposal Services, Inc.	62	51,787			39	19.4
23	Harrison	Firetower Landfill	Firetower Landfill, LLC	36	43,330			20	17.9
24	Harrison	Highway 15 Rubbish Site	Don S. Willaims	21	INACTIVE			20	21.09
25	Harrison	Pecan Grove Rubbish Site	Waste Mgt. of MS, Inc.	100	INACTIVE			150	99.5
26	Harrison	Recyclable Resources Rubbish Landfill	Recyclable Resources, LLC	21	INACTIVE			15	40
27	Hinds	City of Jackson Rubbish Site	City of Jackson	63	27,156			0	0.3
28	Hinds	Faircloth Rubbish Landfill	Faircloth Rubbish LF, Inc	26	66,430			6	5.36
29	Hinds	Mid-South Recycling & Disposal	Danny Plunkett	12	DID NOT REPORT				
30	Itawamba	Tilden-Clay Rd. Rubbish Landfill	Oxford Landfill Mgt. Inc.	5	INACTIVE			100	3.81
31	Jackson	Applewhite Rubbish Site	Applewhite Recycling Sys., LLC	37	53,110			5	13.4
32	Jackson	John Ward Rubbish Site	John Ward	40	4,540			25	34
33	Jackson	MacLand II Rubbish Site	MacLand Disposal Inc. II	55	27,353	895	3.27	50	33.4
34	Jackson	Talley Disposal	Talley Disposal, LLC	25	15,198			61	10.54
35	Jackson	West Jackson Co. (Seaman Rd.)	Jackson Co. B.O.S.	39	29,204			19	20.68
36	Jeff. Davis	Jeff. Davis Co. Rubbish Landfill	Jefferson Davis Co. B.O.S.	7	1,365			1	0.25
37	Jones	Randy-Danny Rubbish Site	Randy-Danny, Inc.	11	20,457			0	0
38	Lafayette	North MS Recycling Solutions	North MS Recycling Solutions, LLC	23	16,898			16	18.25
39	Lafayette	Oxford Rubbish Site	City of Oxford	15	2,289			6	14.75
40	Lamar	Oak Grove Rubbish Site	Trashhunter's, Inc.	30	31,753			15	0
41	Lauderdale	G & G Construction Rubbish Site	G & G Construction, Inc.	1	INACTIVE			3	1
42	Lauderdale	H.E. Mosley Rubbish Site	Phillip L. Mosley	7	2,112			5	2.5
43	Lauderdale	Waste Pro Meridian I Rubbish Site	Waste Pro Meridian L'fill I, LLC	42	15			95	31.76
44	Lauderdale	Waste Pro Meridian II Rubbish Site	Waste Pro Meridian L'fill II, LLC	15	36,953			1	4.14
45	Lawrence	Lawrence Co. Rubbish Site	Lawrence Co. B.O.S.	4	1,085			3	0.56
46	Lee	Mac's Tire Recyclers, Inc.	MTR Acquisition, Inc.	28	DID NOT REPORT				
47	Lee	TMCO Rubbish Site	Tim May Company, Inc.	30	58,893			19	21.88
48	Leflore	Leflore County Rubbish Site	Leflore Co. B.O.S..	12	256			20	9.72
49	Lincoln	Brookhaven Rubbish Site	City of Brookhaven	10	2,482			1	0.5

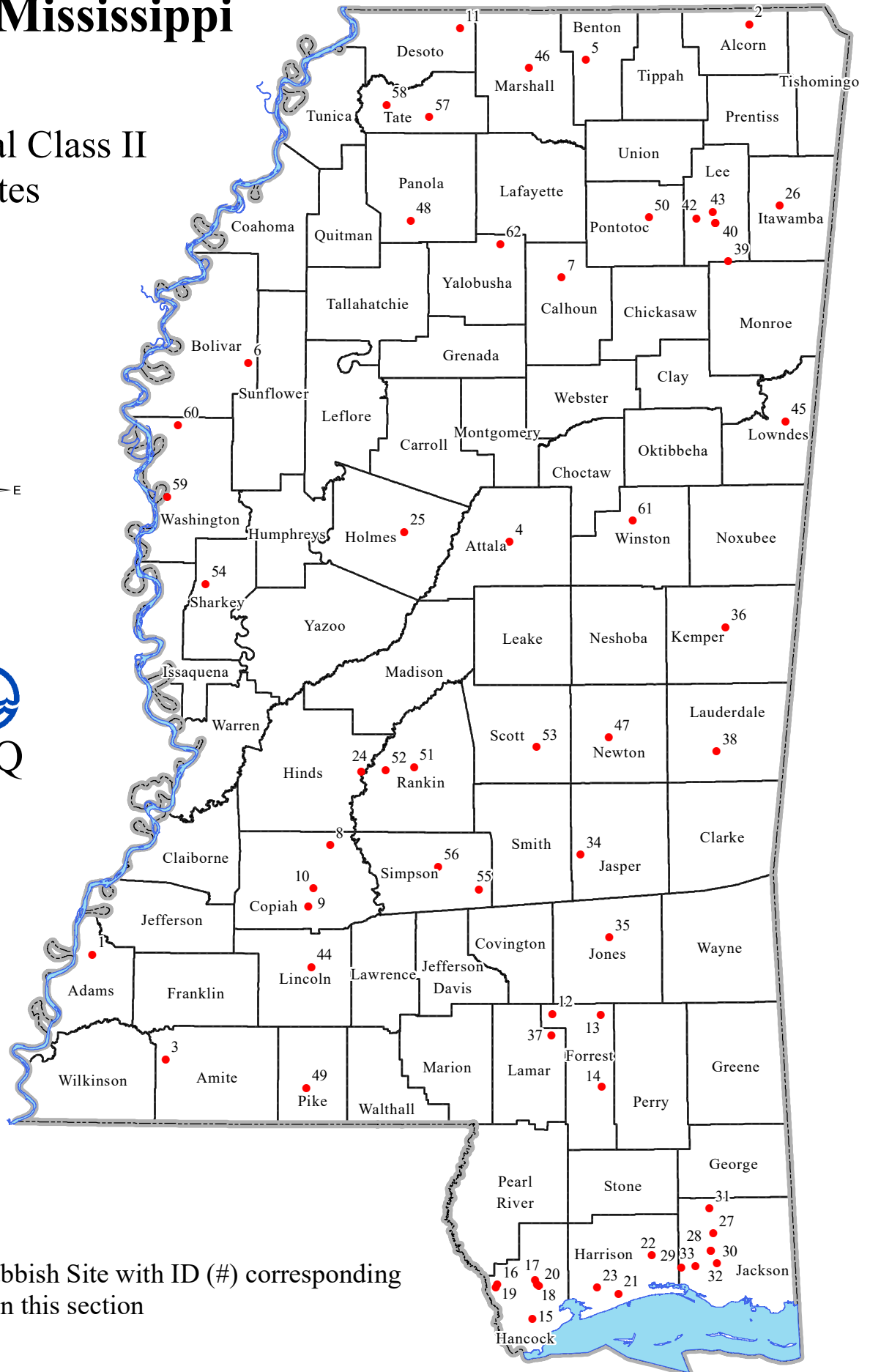
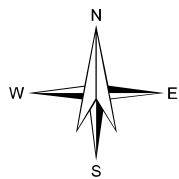
50	Lowndes	Columbus Rubbish Site	City of Columbus	16	10,120			3	6.3
51	Madison	Canton Rubbish Site	City of Canton	37	13,278			13	7.85
52	Madison	Madison South Rubbish Landfill	Madison South Rubbish L'fill, Inc.	40	25,385			86	36.65
53	Marion	Columbia Rubbish Site	City of Columbia	19	4,158			0	0
54	Marshall	Quad County Landfill	Quad Co. Env. Solutions, LLC	38	129,612	104,889	80.93	3	4.6
55	Monroe	Monroe Co. Rubbish Site	Monroe Co. B.O.S.	23	10,502			0	5
56	Neshoba	Neshoba Co. Rubbish Site	Neshoba Co. B.O.S.	46	3,717			12	15.59
57	Newton	Newton Co. Rubbish Site	Newton Co. B.O.S.	45	22,229			10	4.36
58	Noxubee	Macon Rubbish Site	City of Macon	14	DID NOT REPORT				
59	Noxubee	Robo Asbestos Landfill**	Bosarge & Edmonds Cont. Inc.	14	78	11	14.10	15	
60	Oktibbeha	Starkville Rubbish Site	City of Starkville	22	INACTIVE			10	12.25
61	Panola	Sardis Rubbish Site	City of Sardis	9	248			6	5.25
62	Pearl River	Central Landfill Rubbish Site	TransAmerican Waste, Inc.	6	INACTIVE			2	6
63	Perry	Perry Co. Rubbish Site	Perry Co. B.O.S.	8	927			4	0.48
64	Perry	Pine Belt Regional Rubbish Site	Pine Belt Reg. SWMA	11	INACTIVE			30	5.63
65	Pike	Magnolia Rubbish Site	Luke Williams	4	1,250			1	0.2
66	Pike	Magnolia Rubbish Site #2	Luke Williams	4	INACTIVE			25	4
67	Pontotoc	RES Rubbish Site (Woodland)	Resourceful Env. Services, Inc.	25	22,316			26	11.7
68	Prentiss	Prentiss Co. Rubbish Site	Prentiss Co. B.O.S.	10	10,317			9	9
69	Quitman	MLO Rubbish Site	MS Landfill Operations, LLC	40	DID NOT REPORT				
70	Rankin	Mt. Helms Road Rubbish Site	Southern Env. Group Inc.	50	42,303			17	30
71	Rankin	Fannin Class I Rubbish Site	Southern Env. Group Inc.	11	INACTIVE			5	0
72	Scott	Morton Rubbish Site	City of Morton	4	651			28	2.41
73	Sharkey	Sharkey Co. Rubbish Site	Sharkey Co. B.O.S..	3	5,017			9	0.3
74	Simpson	SCRSWMA Rubbish Site	South Central Reg. SWMA	2	4,571			3	0.3
75	Simpson	SCRSWMA Rubbish Site #2	South Central Reg. SWMA	4	INACTIVE			20	3.9
76	Smith	Houston Resources Rubbish Site	Houston Resources, LLC	14	1,000			61	14.08
77	Sunflower	RES Rubbish Site (Ruleville)	Resourceful Env. Services, Inc.	25	12,708			33	21.37
78	Tate	Tate Co. Rubbish Site	Tate Co. B.O.S.	13	7,150	220	3.08	5	10
79	Tippah	RES Rubbish Site	Resourceful Env. Services, Inc.	72	52,699			34	30.9
80	Tishomingo	Belmont Homes Landfill	Belmont Homes Landfill, Inc.	35	35,330	24,470	69.26	10	8
81	Tishomingo	Tishomingo Co. Rubbish Site	Tishomingo Co. B.O.S..	20	7,252			10	8
82	Union	New Albany Pumkin Center	City of New Albany	47	18,627			3	
83	Warren	Warren Co. Landfill Rub. Site	Vicksburg Warren Co. L'fil	10	15,427	150	0.97	10	4.3
84	Warren	Warren Co. Waste Control	River City Roll-Offs, LLC	23	148			50	
85	Washington	Branco Landfill**	Nolan Branton	25	7,670			11	
86	Washington	LMI Rubbish Site	Landfill Mgt., Inc.	54	26,418			100	94
87	Washington	LMI Landfill**	Landfill Management Inc.	3	INACTIVE			0	
88	Wayne	Waynesboro Landfill 2	City of Waynesboro	11	4,137			28	9.4
89	Winston	Louisville Emergency Rubbish Site	City of Louisville	7	14,763			13	3.6
90	Yalobusha	Yalobusha Co. Rubbish Site	Yalobusha Co. B.O.S.	10	1,940			10	9
91	Yazoo	Yazoo City Rubbish Pit	City of Yazoo City	36	7,451			30	0

Total **1,326,278** **171,326** **12.92**

**Facilities may accept certain permitted industrial wastes

State of Mississippi

Commercial Class II Rubbish Sites



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

TABLE 3
Disposal Information for Permitted, Commercial Class II Rubbish Sites
Calendar Year 2018

(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.	1.4	582			0	0
2	Alcorn	Corinth Rubbish Site	City of Corinth	12.0	6,018			3	4.28
3	Amite	Town of Gloster Rubbish Site	Town of Gloster	2.5	328			12	0
4	Attalla	Kosciusko Rubbish Site	City of Kosciusko	21.0	150			9	1.9
5	Benton	Snow Lake Shores Rubbish Site	Town of Snow Lake Shores	5.1	1			18	1.63
6	Bolivar	Joe Reed Rubbish Site	Joe Reed and Co, Inc.	8.0	300			783	69.55
7	Calhoun	Bruce Rubbish Site	City of Bruce	14.0	136				
8	Copiah	Copiah Co. (Crystal Springs)	Copiah Co. B.O.S.	2.0	93			1	1.5
9	Copiah	Copiah Co. (Martinsville)	Copiah Co. B.O.S.	1.0	297			4	3.5
10	Copiah	Hazlehurst Rubbish Site	City of Hazlehurst	5.0	1,050			0	0
11	DeSoto	Railroad Ave. Disposal	Railroad Ave. Disposal, LLC	8.6		INACTIVE		248	0
12	Forrest	Beat 2 Rubbish Site	Forrest Co. B.O.S.	18.2		INACTIVE		2	1.7
13	Forrest	Barrontown (Beat 3) Rubbish Site	Forrest Co. B.O.S.	26.0	2,107			1	0.2
14	Forrest	McLaurin (Beat 4) Rubbish Site	Forrest Co. B.O.S.	3.0	12			1	0.7
15	Hancock	Boudin Rubbish Site	Boudin Envir. Services, LLC	40.0	1,634	210	12.85	25	70
16	Hancock	Frierson Rubbish Site	Houston Frierson Jr.	23.5		DID NOT REPORT			
17	Hancock	Henley Pit #1 Rubbish Site	Charles Henley	17.3	50			10	10
18	Hancock	Henley Pit #2 Rubbish Site	Charles Henley	9.3		INACTIVE		10	10
19	Hancock	Phillips Rubbish Pit	Phillips Trucking Co.	8.0		DID NOT REPORT			
20	Hancock	Prince J. Ladner Rubbish Site	Prince J. Ladner Partnership	17.0	1,320			12	9.5
21	Harrison	Canal Road Rubbish Site	City of Gulfport	5.7	16,294			71	92.46
22	Harrison	Desoto Services Rubbish Site	Desoto Services, LLC	40.0	1,557			10	25
23	Harrison	Ray Rubbish Site	Dan Ray Const. Co.	8.0	144			10	6
24	Hinds	APAC Meter Rd. Rubbish Site	APAC Mississippi, Inc.	7.3	507			7	2.8
25	Holmes	Lexington Rubbish Site	City of Lexington	1.1	1,835			16	2.77
26	Itawamba	Fulton Rubbish Site	City of Fulton	6.6	1,750			14	4
27	Jackson	Henze Rubbish Site	Henze Enterprises, Inc.	17.0	120			20	10
28	Jackson	John Ward Rubbish Site	John Ward	28.0	684			30	28
29	Jackson	Lane Pit Rubbish Site	Jimmy R. Lane	17.0	2,809			2	4
30	Jackson	Mallette Bros. Rubbish Site	Mallette Bros. Const. Co.	19.0		INACTIVE		7	2.25
31	Jackson	Schoolhouse Rd. Rubbish Site	Jackson Co. B.O.S.	14.1	103			70	12.78
32	Jackson	SEB Mines Rubbish Site	SEB Mines Co.	5.0	1,297			17	3.5
33	Jackson	West Jackson Co. (Seaman Rd.)	Jackson Co. B.O.S.	22.0		INACTIVE		5	21.64
34	Jasper	Bay Springs Rubbish Site	City of Bay Springs	5.2	623			6	1.4
35	Jones	Laurel Rubbish Site	City of Laurel	26.8	2,917			29	10.33
36	Kemper	DeKalb Rubbish Site	Town of DeKalb	4.0	52			17	3.2
37	Lamar	Hover Gravel Rubbish Site	Hover Gravel Co.	30.0	600			30	0
38	Lauderdale	Waste Pro Meridian I Rubbish Site	Waste Pro Meridian L'fill I, LLC	12.0		INACTIVE		10	2
39	Lee	Nettleton Rub. Site No.1	Town of Nettleton	7.3	1,618			8	5
40	Lee	Red Oak Wood Waste/Recycling	City of Tupelo	9.5		INACTIVE			15.74
41	Lee	Tupelo CDF Rubbish Site	City of Tupelo	28.5	1,320				11
42	Lee	Tupelo Water & Light West	City of Tupelo	2.8		INACTIVE		0	0
43	Lee	Tupelo Water & Light Wondura	City of Tupelo	10.0	10,917			12	3.6
44	Lincoln	Brookhaven Rubbish Site	City of Brookhaven	5.0		INACTIVE		25	3.2
45	Lowndes	Phillips Develop. Rubbish Site	Phillips Development, LLC	4.6	233			5	2.84
46	Marshall	Marshall Co. Rubbish Site	Marshall Co. B.O.S.	2.5		INACTIVE		0	0

47	Newton	Newton Co. Rubbish Site	Newton Co. B.O.S.	2.0	42			7	1.98
48	Panola	Heafner Rubbish Site	City of Batesville	2.1	2,043				0.1
49	Pike	Magnolia Rubbish Site	Bruce Williams	4.4	3,085			2	0.6
50	Pontotoc	Pontotoc Rubbish Site	City of Pontotoc	9.7	INACTIVE			3	1.07
51	Rankin	Brandon Rubbish Site	City of Brandon	2.0	1,770			20	1.22
52	Rankin	Pearl Rubbish Site	City of Pearl	10.0	2,493			30	9.82
53	Scott	Forest Rubbish Site	City of Forest	10.7	INACTIVE			8	26.92
54	Sharkey	Sharkey Co. Rubbish Site	Sharkey Co. BOS	8.0	2,365			60	5.5
55	Simpson	Magee Rubbish Site	City of Magee	9.2	2,500			7	1.65
56	Simpson	Mendenhall Rubbish Site	City of Mendenhall	6.0	30			4	3.9
57	Tate	Senatobia Rubbish Landfill	City of Senatobia	5.0	104			18	3
58	Tate	Tate Co. Rubbish Site	Tate Co. B.O.S.	20.0	110			5	10
59	Washington	Avis Rubbish Site	Jim Avis	15.0	600			241	15
60	Washington	Branco Rubbish Site	Nolan Branton	43.0	INACTIVE			55	43.39
61	Winston	Louisville Rubbish Site	City of Louisville	3.8	2,551			15	0.1
62	Yalobusha	Water Valley (Foxx) Rub. Site	City of Water Valley	6.0	135			4	3.9

Total

77,285	210	0.27
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INDUSTRIAL AND INSTITUTIONAL DISPOSAL FACILITIES

Industrial and Institutional Disposal Facilities are non-commercial landfills and rubbish sites 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 41 permitted industrial and institutional disposal facilities during Calendar Year 2018. Of these permitted facilities, 25 were classified as industrial landfills and 16 were classified as industrial rubbish sites. According to the submitted annual reports, the 23 active facilities disposed of a total of 1,459,392 tons of solid waste (15 facilities were inactive, 1 did not report, and 2 active facilities reported the total disposal tonnage as confidential business information**).

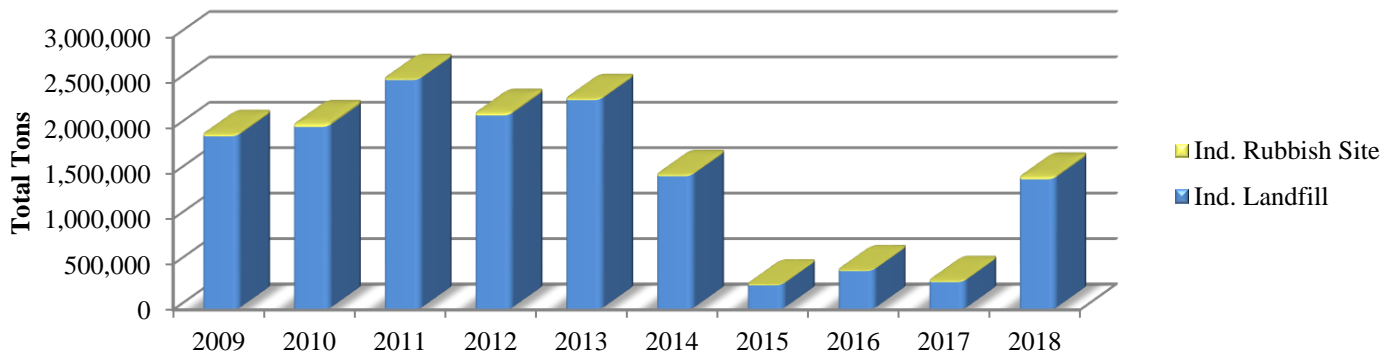
The annual report on the solid waste disposal activities conducted at each industrial and institutional disposal facility is required by Rule 1.6.E(17) of the Mississippi Nonhazardous Solid Waste Management Regulations, ACT 7.S-1 of Statewide General Permit No. SWGP-R1 for Class I rubbish sites, ACT 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 disposal facilities; and
2. A summary of operational information contained in the individual annual reports for Calendar Year 2018 for industrial and institutional disposal facilities. The information is listed alphabetically by the County in which the facility is located.

Industrial and Institutional Disposal Facility Trends

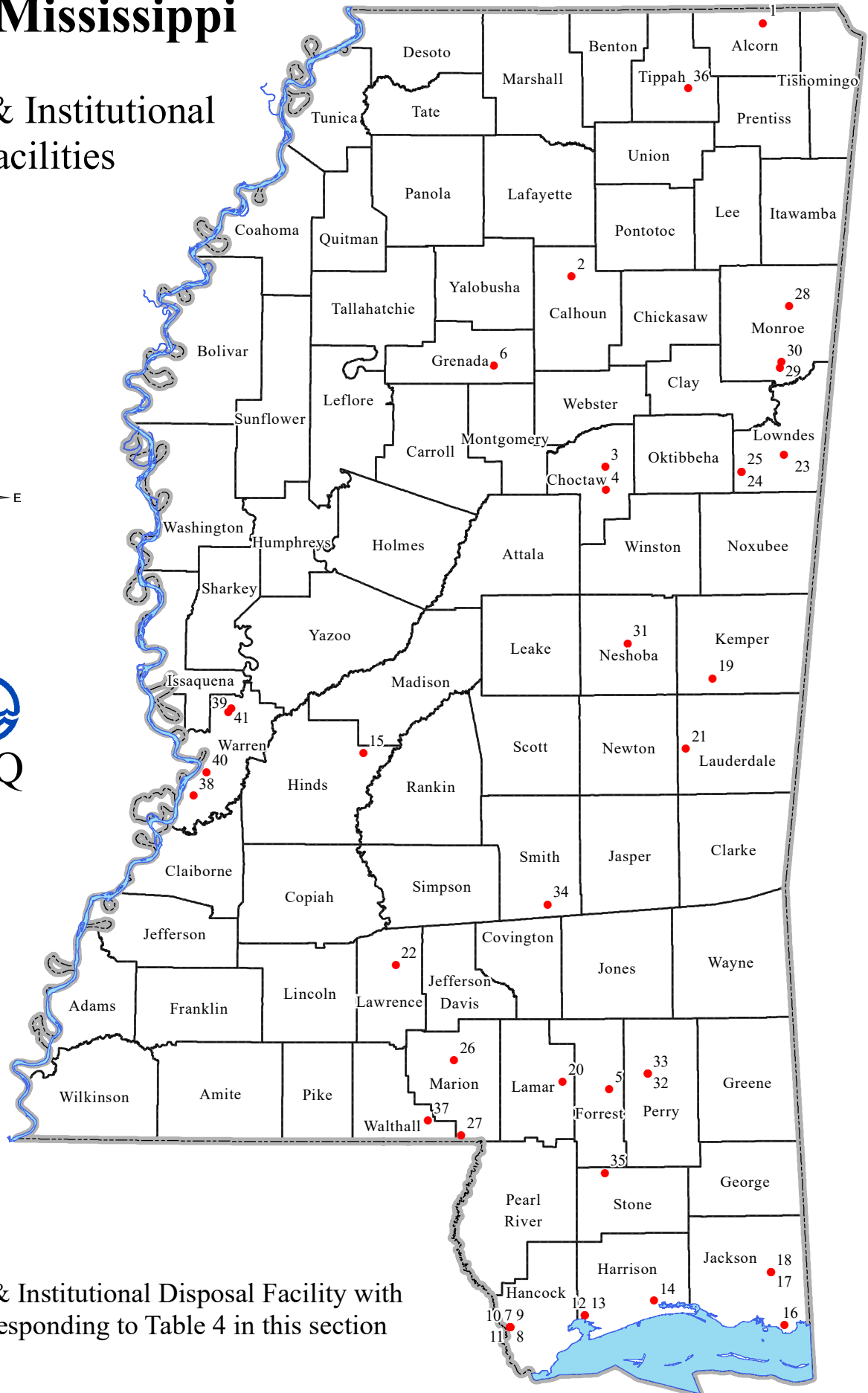
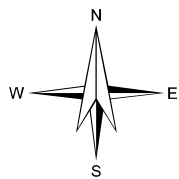
Data in this report indicates that during 2018, industrial and institutional disposal facilities received 1,129,582 tons more solid waste for disposal than during Calendar Year 2017 (see [Figure 11](#)).

FIGURE 11



State of Mississippi

Industrial & Institutional Disposal Facilities



• Industrial & Institutional Disposal Facility with ID (#) corresponding to Table 4 in this section

TABLE 4
Disposal Information on Industrial and Institutional Disposal Facilities
Calendar Year 2018

(I) ID	(II) County	(III) Name of Facility	(IV) Owner	(V) Type	(VI) Permitted Acreage	(VII) Total Waste Received	(VIII) Est. Life Remaining	
						tons/year	years	acres
1	Alcorn	Elam Creek Nature Trail	City of Corinth	Class I Rubbish	12	INACTIVE		8
2	Calhoun	Weyerhaeuser Landfill (Bruce)	Weyerhaeuser NR Co.	Landfill	9	INACTIVE	20	
3	Choctaw	Red Hills AMU	Choctaw Generation LP	Landfill	90	14,330	123	
4	Choctaw	Southeastern Timber Rubbish Site	Southeastern Timber Products, LLC	Class I Rubbish	25	INACTIVE	47	25
5	Forrest	Camp Shelby Andrews Rd. Facility	Camp Shelby Training Site, MMD	Class II Rubbish	18	597	13	2
6	Grenada	Hankins Lumber Landfill	Hankins Lumber Co. Inc.	Landfill	12	INACTIVE	64	
7	Hancock	Stennis Space Center C&D Site	NASA	Class II Rubbish	12	INACTIVE	50	12
8	Hancock	Stennis Space Center Landfill	NASA	Landfill	14	827	34	
9	Hancock	Stennis Space Center Veg. Site 1	NASA	Class II Rubbish	2	INACTIVE	50	2
10	Hancock	Stennis Space Center Veg. Site 2	NASA	Class II Rubbish	1	INACTIVE	50	1
11	Hancock	Stennis Space Center Veg. Site 3	NASA	Class II Rubbish	2	INACTIVE	50	2
12	Harrison	Chemours DeLisle Plant WDU's	Chemours Company FC, LLC	Landfill	156	**		
13	Harrison	Chemours WDU 21, 22, and 23	Chemours Company FC, LLC	Landfill	40	**		
14	Harrison	Plant Watson AMU	MS Power Company	Landfill	79	35,616	0	
15	Hinds	Tri-State Brick LLC Rubbish Site	Tri-State Brick, LLC	Class II Rubbish	5	INACTIVE	4	5
16	Jackson	Phosphogypsum Stack #2	MS Phosphates Corp.	Landfill	263	DID NOT REPORT		
17	Jackson	Plant Daniel AMU (North)	MS Power Company	Landfill	46	9,748	28	
18	Jackson	Plant Daniel Gypsum Storage	MS Power Company	Landfill	36	10,850	28	
19	Kemper	Plant Ratcliff Gasification AMU	MS Power Company	Landfill	52	988,896	0	
20	Lamar	R.D. Morrow Plant CCB Landfill	Cooperative Energy	Landfill	72	8,611	32	
21	Lauderdale	Mid South Lumber Rubbish Site	Mid South Lumber, Inc.	Class II Rubbish	10	1,891	20	44
22	Lawrence	GP Monticello East Landfill	Georgia Pacific Corp.	Landfill	20	52,331	29	
23	Lowndes	Columbus Mill Landfill	International Paper	Landfill	60	61,519	13	
24	Lowndes	Holcim CKD Disposal Site	Holcim (US), Inc.	Landfill	15	INACTIVE	0	
25	Lowndes	Holcim CKD Landfill	Holcim (US), Inc.	Landfill	15	INACTIVE	0	
26	Marion	Columbia Chip Rubbish Site	Columbia Chip L.P.	Class II Rubbish	2	12	2	1
27	Marion	Jones Lumber Co. Rubbish Site #2	Jones Lumber Co. Inc.	Class II Rubbish	5	INACTIVE	5	3
28	Monroe	FFM Rubbish Site	Furniture Frame Manufacturers	Class II Rubbish	3	1,875	9	4
29	Monroe	Tronox Hamilton Landfill	Tronox, LLC	Landfill	6	10,250	16	
30	Monroe	Tronox Hamilton Landfill #2	Tronox, LLC.	Landfill	43	105,325	5	
31	Neshoba	Weyerhaeuser Landfill (Philadelphia)	Weyerhaeuser NR Co.	Landfill	5	110	18	
32	Perry	Leaf River Cellulose Landfill	Leaf River Cellulose, LLC	Landfill	15	112,202	25	
33	Perry	Leaf River Cellulose Rubbish Site	Leaf River Cellulose, LLC	Class II Rubbish	15	19,520	3	3
34	Smith	GP Taylorsville Plywood Landfill	Georgia Pacific Corp.	Landfill	8	2,926	16	
35	Stone	DeSoto Treated Mat. Rubbish Site	DeSoto Treated Materials, Inc.	Class I Rubbish	10	25	15	5
36	Tippah	Hankins Inc. Rubbish Site	Hankins Inc.	Class I Rubbish	5	543	22	0
37	Walthall	Jones Lumber Co. Rubbish Site	Jones Lumber Co. Inc.	Class II Rubbish	8	INACTIVE	10	2
38	Warren	Cappaert Landfill	Cappaert Mfd. Housing Inc.	Landfill	37	39	20	20
39	Warren	IP Vicksburg Mill AMU	International Paper	Landfill	18	21,350	0	
40	Warren	USACE Waterways Rubbish Site	USACE Waterways Exp. Station	Class II Rubbish	2	INACTIVE	2	0
41	Warren	Vicksburg Forest Products Rubbish Site	Vicksburg Forest Products, LLC	Class II Rubbish	20	INACTIVE	69	12

Total **1,459,392**

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

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 34 permitted transfer stations during Calendar Year 2018. According to the submitted annual reports, the 30 active transfer stations received a total of 864,576 tons of solid wastes (3 sites were inactive and 1 did not report).

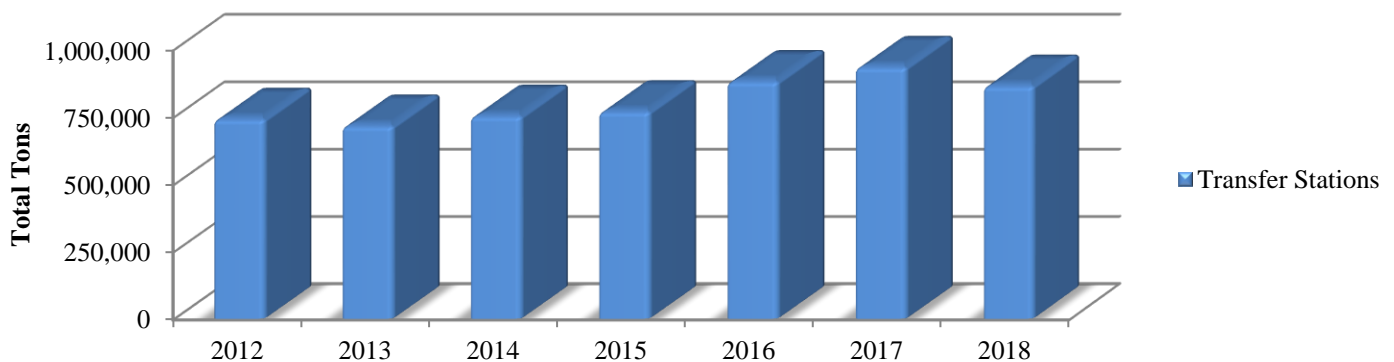
An annual report on activities conducted at each transfer station is required by Mississippi Code Annotated §17-17-219 and by the individual facility permit conditions. This report contains summary information on the activities conducted at the permitted transfer stations in Mississippi during Calendar Year 2018. 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 2018 for transfer stations. The information is listed alphabetically by the County in which the site is located.

Transfer Station Trends

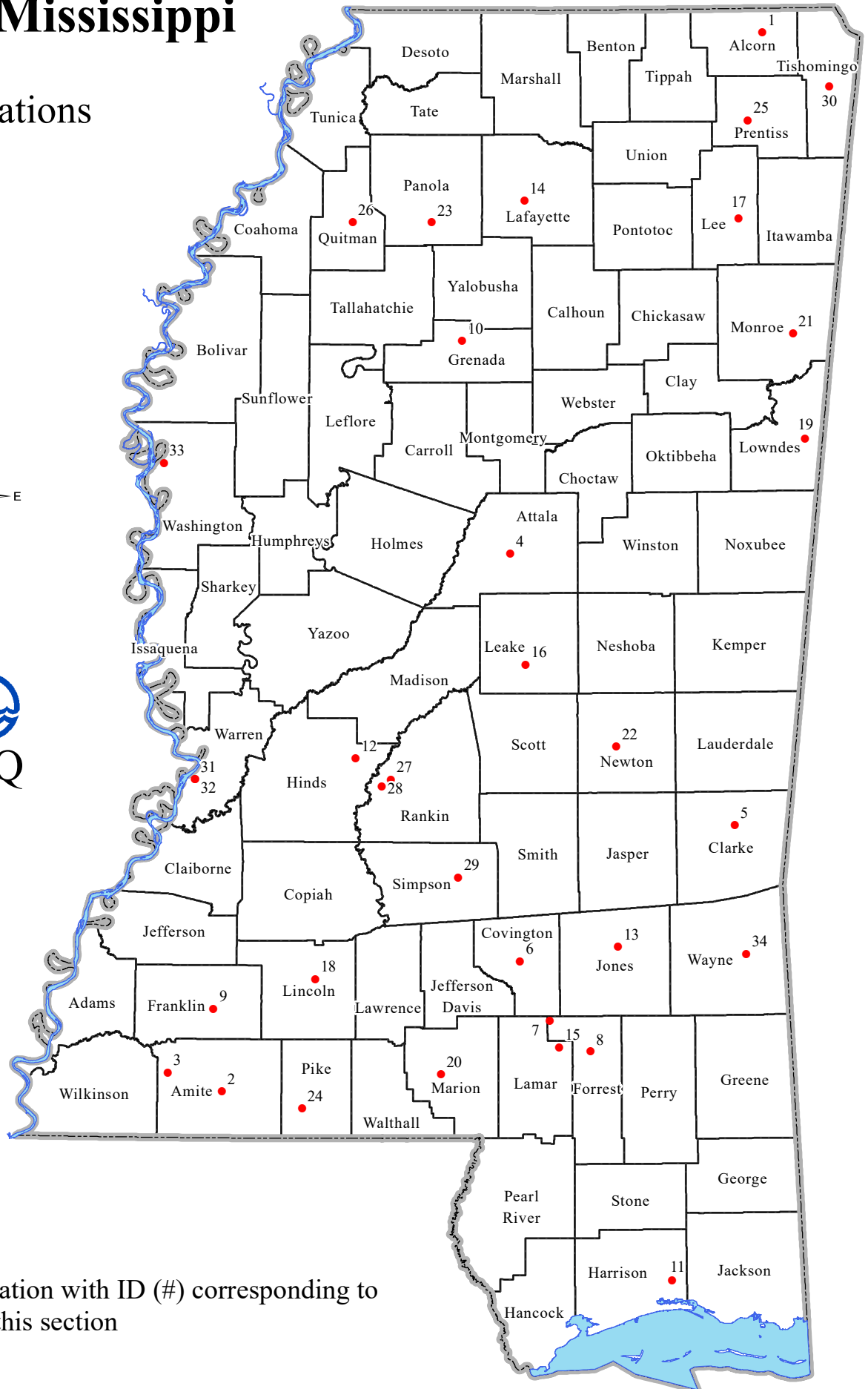
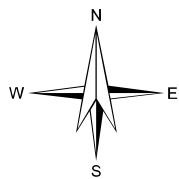
Data in this report indicates that during 2018, transfer stations managed 69,390 tons less solid waste for disposal than during Calendar Year 2017 (see [Figure 12](#)).

FIGURE 12



State of Mississippi

Transfer Stations



• Transfer Station with ID (#) corresponding to Table 5 in this section

TABLE 5
Operational Information on Transfer Stations
Calendar Year 2018

(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	48,722	9,428	19.35
2	Amite	Amite Co. Liberty TS	Amite Co. B.O.S.	T1-028	MSW	3,361		
3	Amite	Gloster TS	Amite Co. B.O.S.	T1-046	MSW	310		
4	Attala	Kosciusko TS	Waste Mgt. of MS, Inc.	T1-002	MSW	27,884		
5	Clarke	Clarke Co. TS	Clarke Co. B.O.S.	T1-003	MSW	4,757		
6	Covington	Covington Co. TS	Pine Belt Reg. SWMA	T1-005	MSW	13,336		
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	33,714		
9	Franklin	Franklin Co. TS	Franklin Co. B.O.S.	T1-008	MSW	DID NOT REPORT		
10	Grenada	WMMI Grenada TS	Waste Mgt. of MS, Inc.	T1-009	MSW	31,530		
11	Harrison	Biloxi TS	Team Waste Biloxi TS, LLC	T1-049	MSW	50,018		
12	Hinds	Jackson TS	Trash Hunters, Inc. (USA Waste)	T1-010	MSW	232,448		
13	Jones	Laurel TS	Pine Belt Reg. SWMA	T1-040	MSW	35,511		
14	Lafayette	Lafayette Co./Oxford TS	Three Rivers Reg. SWMA	T1-012	MSW	27,211		
15	Lamar	WMMI Lamar County TS	Waste Mgt. of MS, Inc.	T1-035	MSW	27,970		
16	Leake	Leake Co. TS	Leake Co. B.O.S.	T1-033	MSW	4,983		
17	Lee	Lee Co./Tupelo TS	Three Rivers Reg. SWMA	T1-013	MSW	70,563		
18	Lincoln	Brookhaven TS	City of Brookhaven	T1-014	MSW	42,425		
19	Lowndes	Columbus TS	Golden Triangle Reg. SWMA	T1-015	MSW	INACTIVE		
20	Marion	Columbia TS	City of Columbia	T1-016	MSW	10,056		
21	Monroe	Monroe Co. TS	Three Rivers Reg. SWMA	T1-017	MSW	21,498		
22	Newton	Newton Co. TS	Newton Co. B.O.S.	T1-019	MSW	3,237		
23	Panola	Panola Co. TS	Panola Co. B.O.S.	T1-036	MSW	23,283		
24	Pike	WMMI Pike Co. TS	Waste Mgt. of MS, Inc.	T1-021	MSW	35,811		
25	Prentiss	Prentiss Co. TS	Prentiss Co. B.O.S.	T1-029	MSW	6,678		
26	Quitman	BFI Quitman Co. TS	BFI Waste Services, LLC	T1-022	MSW	26,335		
27	Rankin	Pearl TS	City of Pearl	T1-030	MSW	2,470		
28	Rankin	Stericycle Medical Waste TS	Stericycle, Inc.	SW0610060476	Medical	INACTIVE		
29	Simpson	Simpson Co. TS	Simpson Co. B.O.S.	T1-031	MSW	7,968		
30	Tishomingo	Tishomingo Co. TS	Tishomingo Co. B.O.S.	T1-004	MSW	9,005		
31	Warren	Riverbend TS	Riverbend Env. Services, LLC	T1-043	MSW	9,755		
32	Warren	Vicksburg TS	Waste Mgt. of MS, Inc.	T1-025	MSW	39,383	1,279	3.25
33	Washington	Greenville TS	City of Greenville	T1-026	MSW	10,372		
34	Wayne	Wayne Co. TS	Wayne Co. B.O.S.	T1-027	MSW	3,984		

Total **864,576** **10,707** **1.24**

LAND APPLICATION SITES

Land application sites are sites where solid waste is applied to the land through incorporation, injection, or other means of land 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. This section of the report does not include information on those materials land applied as soil amendments under the MDEQ beneficial use determination program (see page 58).

There were 33 permitted land application sites during Calendar Year 2018. According to the submitted annual reports, the 10 active land application sites applied a total 17,146 dry tons of solid waste (23 sites were inactive). The active land application sites applied 14,172 dry tons (82.65%) of municipal wastewater sludge (biosolids) and 2,974 dry tons (17.35%) of waste other than municipal wastewater sludge such as poultry processing sludge, industrial process sludge, and other materials.

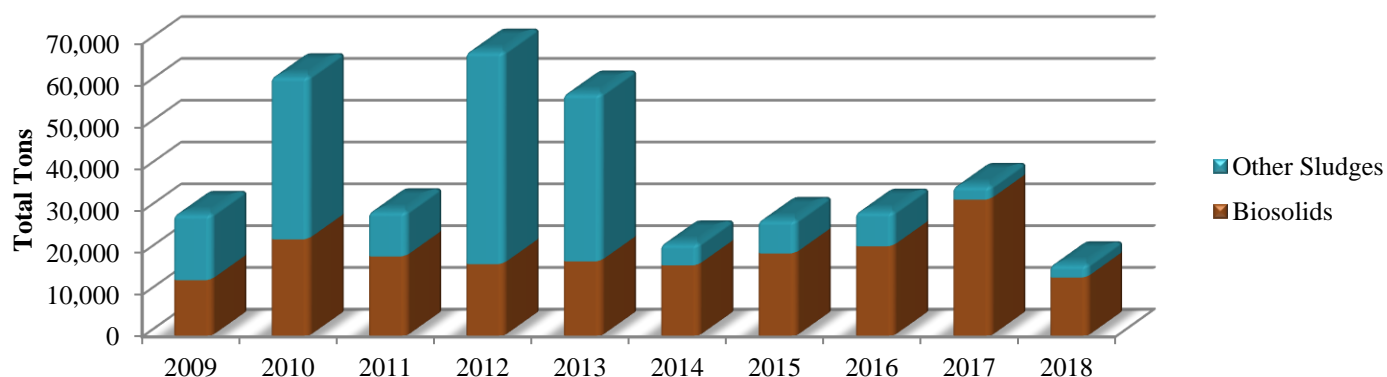
An annual report on activities conducted at each land application site is required by Mississippi Code Annotated §17-17-219 and the individual facility permit conditions. This report contains summary information on the activities conducted at the permitted land application sites in Mississippi during Calendar Year 2018. 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 2018 for land application sites. The information is listed alphabetically by the County in which the site is located.

Land Application Trends

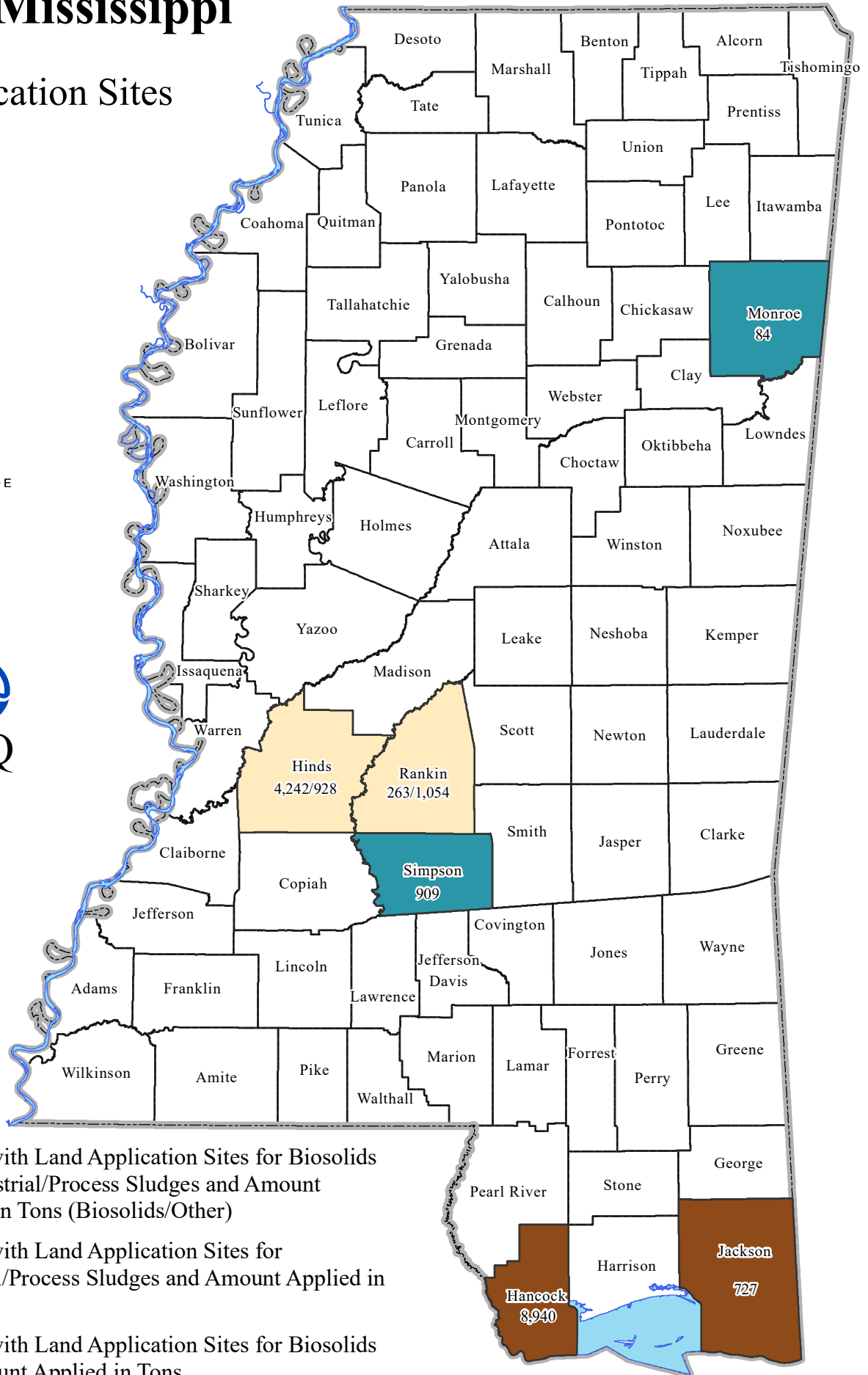
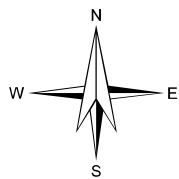
Data in this report indicates that during 2018, land application sites received 18,759 tons less solid waste than during Calendar Year 2017 (see [Figure 13](#)).

FIGURE 13



State of Mississippi

Land Application Sites



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

TABLE 6
Operational Information on Land Application Sites
Calendar Year 2018

(I) Pemit Number	(II) County	(III) Name of Facility	(IV) Name of Permittee	(V) Permitted Acreage	(VI) Type of Waste Applied	(VII) Total Waste Applied (dry tons/year)
SW0010030422	Adams	Airport Land App. Facility	City of Natchez	122	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	INACTIVE
BLA-007	Desoto	DCRUA Land App. Site (Roundaway Farms)	Desoto Co. Reg. Utility Auth.	1,002	Biosolids	INACTIVE
SW0230030364	Hancock	Breaux Landfarm	Breaux Services, Inc.	1,106	Biosolids	8,940
SW0250030468	Hinds	Berry Property	City of Jackson	265	Biosolids	INACTIVE
SW0250030493	Hinds	Holmes Property	City of Jackson	442	Biosolids	299
SW0250030464	Hinds	Jackson Biosolids Facility	City of Jackson	137	Biosolids	1,303
SW02501A0005	Hinds	Jackson Land App. Site (Byram)	City of Jackson	513	Biosolids	2,640
SW0250030485	Hinds	Mason Property	City of Jackson	65	Biosolids	INACTIVE
BLA-003	Hinds	Moncure Marble Road Sites	Partidge Sibley Industrial Services, Inc.	788	Biosolids	INACTIVE
BLA-006	Hinds	Stewart and Stocks Sites	Partridge Sibley Industrial Services, Inc.	281	Biosolids	INACTIVE
SW0250030528	Hinds	Sullivan Property	City of Jackson	230	Biosolids	INACTIVE
SW0250030539	Hinds	Thomas Property	City of Jackson	306	Biosolids	INACTIVE
SW0250030570	Hinds	TRS Land App. Sites	Terra Renewal Services, Inc	1,160	Poultry Sludges	928
SW0250030486	Hinds	Varnado Property	City of Jackson	63	Biosolids	INACTIVE
BLA-002	Humphreys	Denali Water Land Application Sites	Denali Water Solutions, LLC	2,592	Biosolids	INACTIVE
SW0300030411	Jackson	West Jackson Co. Land App. Site	MS Gulf Coast Reg. WW Auth.	161	Biosolids	727
SW0390030557	Lawrence	Brent Property	GEO Specialty Chemicals, Inc.	34	Processed Silica	INACTIVE
SW0390030567	Lawrence	Creel Property	GEO Specialty Chemicals, Inc.	12	Processed Silica	INACTIVE
SW0390030461	Lawrence	Matjevich Property	GEO Specialty Chemicals, Inc.	61	Processed Silica	INACTIVE
SW0390030566	Lawrence	Stephens Property	GEO Specialty Chemicals, Inc.	50	Processed Silica	INACTIVE
SW0390030565	Lawrence	Turnage Property	GEO Specialty Chemicals, Inc.	18	Processed Silica	INACTIVE
Authorization	Monroe	Axiall Land App. Fac.	Axiall, LLC	4	Iron Sludge	84
BLA-001	Rankin	Denali Water Land App. #2	Denali Water Solutions, LLC	2,021	Biosolids	263
SW0610030525	Rankin	McLauren, et al. Land App. Site	Terra Renewal Services, Inc	2,003	Poultry Sludges	INACTIVE
SW0610030541	Rankin	Rankin Co. Land App. Sites	Terra Renewal Services, Inc	1,409	Poultry Sludges	INACTIVE
SW0610030470	Rankin	TRS Land App. Sites	Terra Renewal Services, Inc	1,599	Poultry Sludges	1,054
SW0620030550	Scott	Scott Co. Land App. Sites	Terra Renewal Services, Inc	647	Poultry Sludges	INACTIVE
SW0610030470	Simpson	TRS Land App. Sites	Terra Renewal Services, Inc	906	Poultry Sludges	909
SW0660030510	Stone	Desoto Treated Mat. Land App. Fac.	Desoto Treated Materials, Inc.	10	Wood Ash	INACTIVE
SW0750030473	Warren	Vicksburg Biosolids App. Fac.	City of Vicksburg	1,272	Biosolids	INACTIVE
SW0820030572	Yazoo	Denali Waste Land Application Sites	Denali Water Solutions, LLC	4,740	Biosolids	INACTIVE

Total **17,146**

Total Biosolids **14,172**
Total Other Sludges **2,974**

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 11 permitted processing facilities during Calendar Year 2018, 5 of which actively operated. According to the submitted annual reports, the 5 active processing facilities received a total of approximately 97,580 tons of material (6 sites were inactive). The active processing facilities managed 85,730 tons (87.86%) of the waste received for recycling or reuse purposes and 11,850 tons (12.14%) of the waste was managed for disposal.

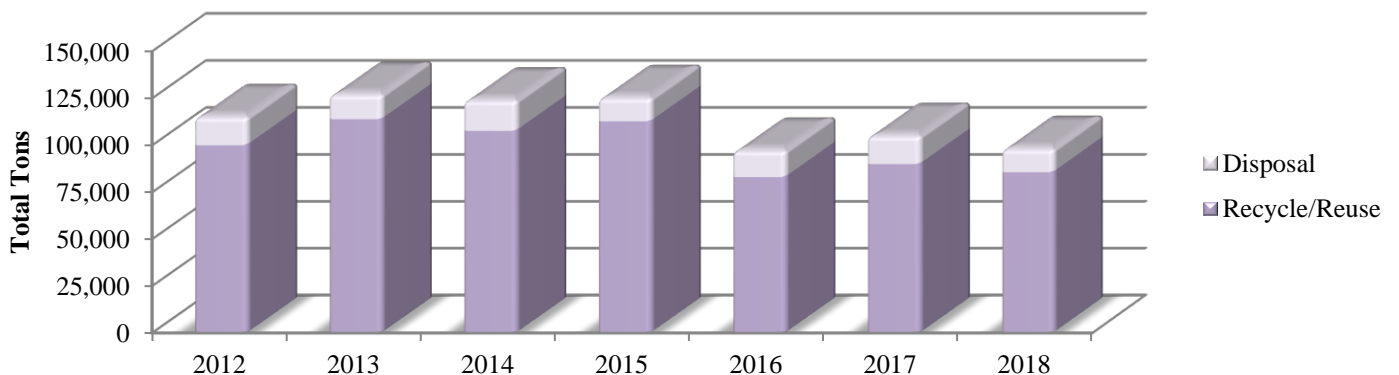
An annual report on activities conducted at each processing facility is required by Mississippi Code Annotated §17-17-219 and by the individual facility permit conditions. This report contains summary information on the activities conducted at the permitted processing facilities in Mississippi during Calendar Year 2018. 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 2018 for processing facilities. The information is listed alphabetically by the County in which the facility is located.

Processing Facility Trends

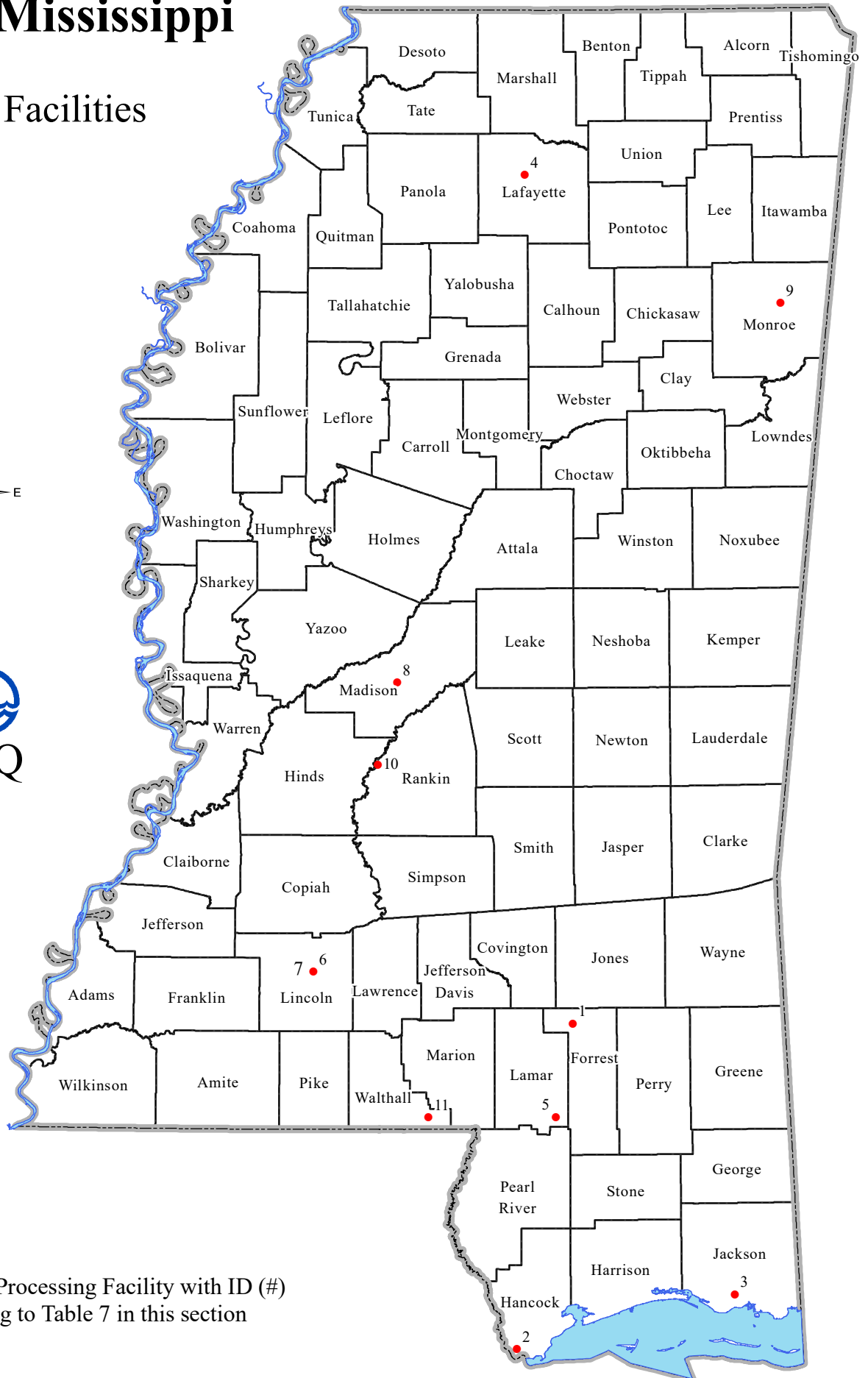
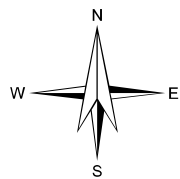
Data in this report indicates that during 2018, processing facilities received 6,900 tons less solid waste than during Calendar Year 2017 (see [Figure 14](#)).

FIGURE 14



State of Mississippi

Processing Facilities



● Solid Waste Processing Facility with ID (#) corresponding to Table 7 in this section

TABLE 7
Operational Information on Processing Facilities
Calendar Year 2018

(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	Forrest	CleanEarth Medical Waste	CleanEarth, Inc.	Medical Wastes	Disposal	2,427		1,020	42.03
2	Hancock	Trash Doctors	Trash Doctors	Medical Wastes	Disposal			INACTIVE	
3	Jackson	Applewhite Industries	Applewhite Industries, Inc.	Industrial Rubbish	Both			INACTIVE	
4	Lafayette	GreenServ Sterilization	GreenServ Sterilization, LLC	Medical Wastes	Disposal			INACTIVE	
5	Lamar	Rolloff Recycling Center	Rolloff Recycling Center, LLC	Commercial Rubbish	Both	280			
6	Lincoln	Brookhaven Mulching Site	City of Brookhaven	Wood Wastes	Disposal	4,764			
7	Lincoln	Phillips Bark Processing	Phillips Bark Processing Co., Inc.	Wood/Poultry Litter/Ash	Recycling/Reuse	85,450			
8	Madison	Stericycle Canton	Stericycle, Inc.	Medical Wastes	Disposal	4,659		1,794	38.51
9	Monroe	F.F.M. Processing Facility	F.F.M., Inc.	Wood Wastes	Disposal			INACTIVE	
10	Rankin	Terra Waste Services	Terra Waste Service, LLC	Medical Wastes	Disposal			INACTIVE	
11	Walthall	Nature's Garden	Jones Chip Mill, Inc.	Wood, Poultry Litter	Recycling/Reuse			INACTIVE	

Total

97,580	2,814	2.88
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Total Reuse

85,730

Total Disposal

11,850

COMPOSTING FACILITIES

Composting Facilities monitor and manage the decomposition of a variety of organic waste materials to produce compost, a nutrient rich soil additive. These facilities include traditional composting facilities as well as facilities that mulch or grind material. Materials accepted as such facilities include food waste, vegetative debris, untreated wood wastes, animal manures, and other organic materials.

There were 20 permitted or authorized composting facilities operating during Calendar Year 2018. Eleven of these composting facilities were active while 4 were inactive and 5 did not report. According to the submitted annual reports, these composting facilities received a total of approximately 23,405 tons of organic materials. The active composting facilities managing only non-putrescible wastes such as vegetative debris and untreated wood wastes received 23,265 tons (99.40%) of waste, and sites that managed both putrescible wastes such as food wastes and animal manures and non-putrescible wastes received 140 tons (0.60%) of waste. These composting facilities also reported producing 3,045 tons of finished compost for use or distribution. It is important to note that certain “on-site” composting facilities, where materials generated at the site are managed and composted at that same site, are not included in this report.

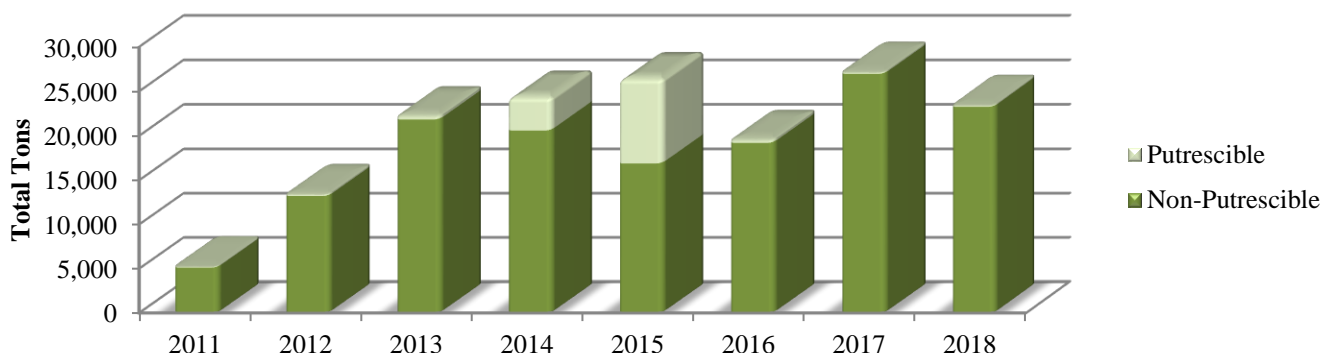
An annual report on activities conducted at each composting facility is required by Rule 1.9.B(6) and Rule 1.9.C(4)(d) of the Mississippi Nonhazardous Solid Waste Management Regulations and by the individual facility permit or authorization conditions. This report contains summary information on the activities conducted at the permitted or authorized composting facilities in Mississippi during Calendar Year 2018. 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 2018 for composting facilities. The information is listed alphabetically by the County in which the facility is located.

Composting Trends

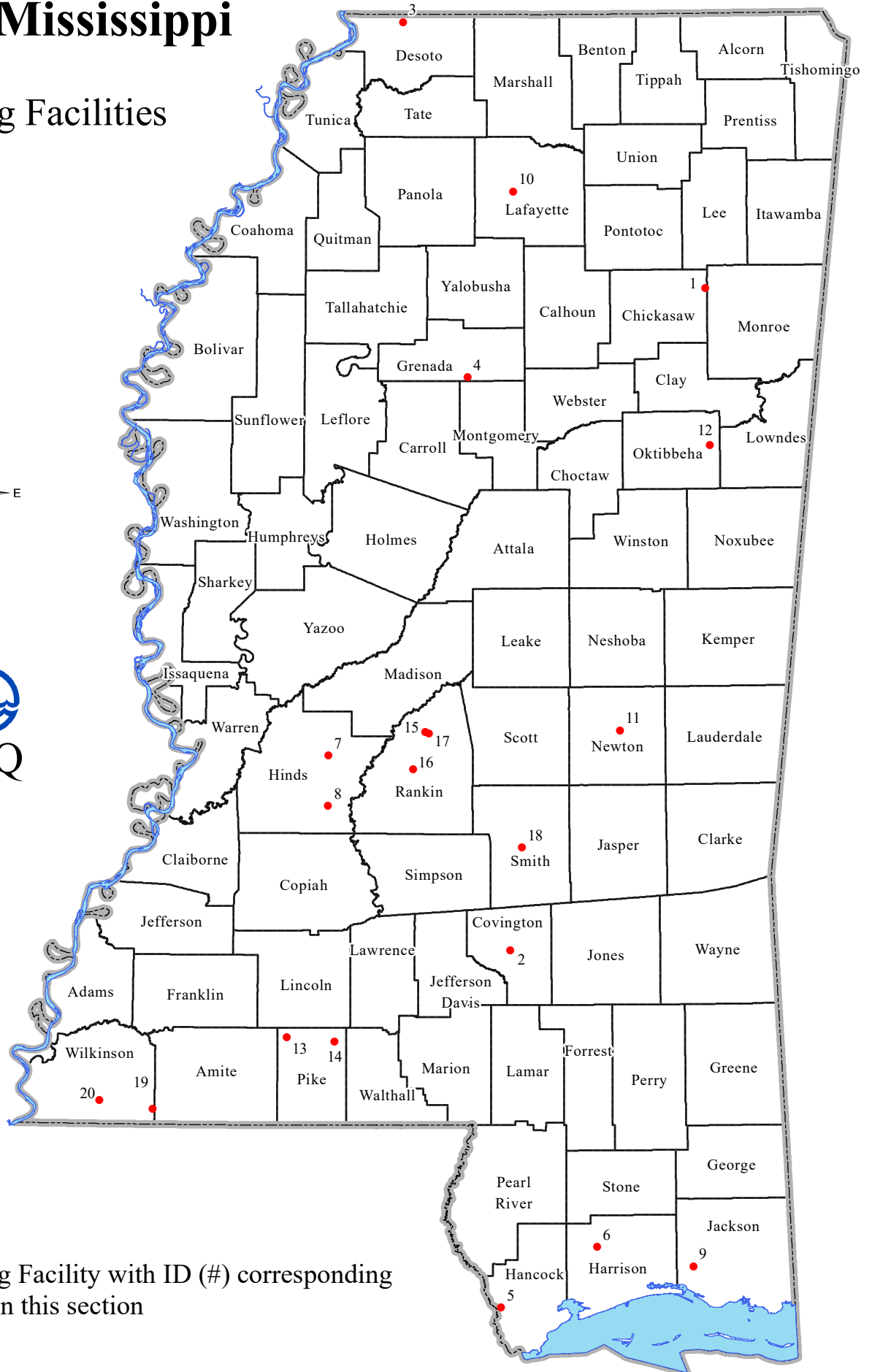
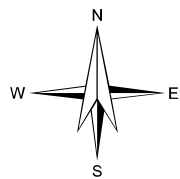
Data in this report indicates that during 2018, composting facilities received 3,736 tons less solid waste than during Calendar Year 2017 (see [Figure 15](#)).

FIGURE 15



State of Mississippi

Composting Facilities



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

TABLE 8
Operational Information on Composting Facilities
Calendar Year 2018

(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	Chickasaw	Okolona Composting Facility	City of Okalona	Authorized	Non-Putrescible	110
2	Covington	Collins Mulching Site	City of Collins	Authorized	Non-Putrescible	446
3	Desoto	Leaves of Life Compost Facility	City of Horn Lake	Authorized	Non-Putrescible	INACTIVE
4	Grenada	Hankins Lumber Compost Site	Hankins Lumber Co., Inc.	C1-003	Non-Putrescible	594
5	Hancock	Stennis Composting Facility	NASA	Authorized	Putrescible	110
6	Harrison	Heaven's Best Compost	Del Banowetz	Authorized	Putrescible	10
7	Hinds	Clinton SW Compost Facility	City of Clinton	C1-006	Non-Putrescible	INACTIVE
8	Hinds	Greenhill Environmental Services & Recycling	Greenhill Environmental Services & Recycling	Authorized	Non-Putrescible	DID NOT REPORT
9	Jackson	West Jackson Co. Compost Site	Jackson Co. B.O.S.	C1-008	Non-Putrescible	20,605
10	Lafayette	UM Composting Facility	University of Mississippi	Authorized	Putrescible	20
11	Newton	Decatur Mulch/Chip/Compost Site	Town of Decatur	Authorized	Non-Putrescible	1,320
12	Oktibbeha	Blackjack Composting	Robert Raymond	Authorized	Putrescible	DID NOT REPORT
13	Pike	The Dirt Store	Williamson Nursery	Authorized	Non-Putrescible	47
14	Pike	Price's Paradise Composting Site	Price's Paradise, LLC	Authorized	Non-Putrescible	55
15	Rankin	Big John's Wood & Resources	Big John's Wood & Resources	Authorized	Non-Putrescible	DID NOT REPORT
16	Rankin	Brandon Compost Site	City of Brandon	C1-001	Non-Putrescible	INACTIVE
17	Rankin	Kip's Tree Service Mulching Site	Clifton Rogers, Jr.	Authorized	Non-Putrescible	INACTIVE
18	Smith	Ashley Farms & Trucking	Ashely Farms & Trucking	Authorized	Non-Putrescible	DID NOT REPORT
19	Wilkinson	Centreville Composting Facility	Town of Centreville	Authorized	Non-Putrescible	88
20	Wilkinson	Town of Woodville	Town of Woodville	Authorized	Non-Putrescible	DID NOT REPORT

Total

23,405

Total Non-Putrescible

23,265

Total Putrescible

140

*Some tonnages estimated by MDEQ based on incoming material types

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

Beneficial Use Determinations (BUDs) issued by MDEQ allow the legitimate beneficial use of eligible nonhazardous industrial solid wastes and/or by-products as products. Materials that can be authorized under this program include a variety of by-products including exceptional quality biosolids, wastewater residuals, coal combustion residuals, and other industrial by-products.

There were a total of 67 approved BUDs in Mississippi during Calendar Year 2018. According to the annual reports submitted, 34 BUD holders distributed a total of 935,282 tons of by-products including lime mud, wood ash, coal ash, gypsum, calcium carbonate, dewatered fiber sludge, and exceptional quality class A biosolids for construction or soil amendment purposes. Construction related projects utilized 844,332 tons (90.28%) of material, soil amendment applications utilized 89,236 tons (9.54%) of material, and other uses utilized 1,714 tons of material (0.18%).

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 2018. The information is listed numerically by the BUD tracking number.

Beneficial Use Trends

Data in this report indicates that during 2018, Mississippi BUD holders used 123,701 tons more by-products than during Calendar Year 2017 (see [Figure 16](#)).

FIGURE 16

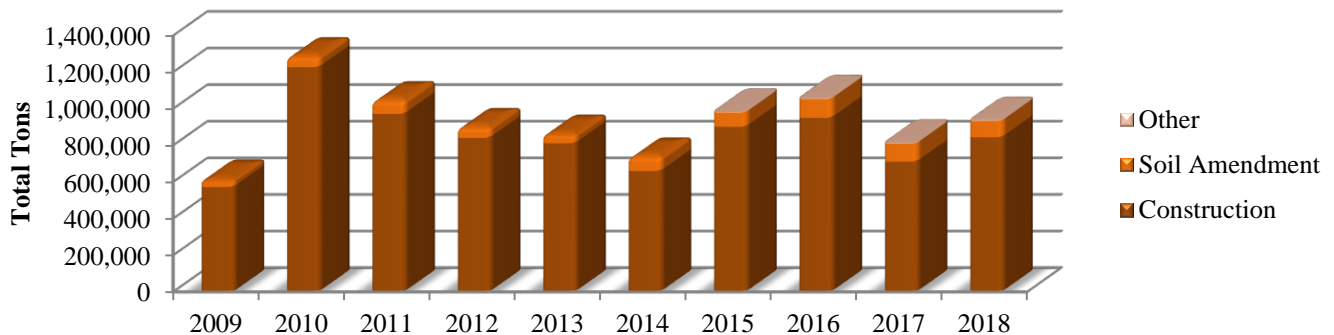


TABLE 9
Operational Information on Industrial By-Product Distribution
Calendar Year 2018

(I) Tracking Number	(II) BUD Holder	(III) By-Product Material	(IV) Use of By-Product Material	(V) Quantity of By- Product Material Distributed
0002	Georgia Pacific, Monticello	Lime Mud	Soil Amendment	1,766
0003	Leaf River Cellulose, LLC	Lime Mud	Soil Amendment	12,387
0004	Georgia Pacific, Monticello	Bark and Hogged Fuel Comb. Ash	Soil Amendment	INACTIVE
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	7,359
0007	Georgia Pacific, Monticello	Bark and Hogged Fuel Comb. Ash	Soil Amendment	6,270
0010	Beneficial Reuse Management	FGD Gypsum	Soil Amendment	INACTIVE
0011	Beneficial Reuse Management	FGD Gypsum	Soil Amendment	INACTIVE
0012	Beneficial Reuse Management	FGD Gypsum	Soil Amendment	INACTIVE
0013	Beneficial Reuse Management	FGD Gypsum	Soil Amendment	INACTIVE
0014	Jones Lumber Co.	Lime Substitute	Soil Amendment	INACTIVE
0015	North American Coal-Red Hills Mine	Coal Ash	Construction	705,565
0016	Holcim (US) Inc.	Gypsum By-Product	Construction	3,300
0018	Tri-State Lumber Company	Wood Ash	Soil Amendment	INACTIVE
0021	Norbord Industries, Inc.	Wood Ash	Soil Amendment	5,953
0025	LA Ash, Inc.	Coal Ash	Soil Amendment	INACTIVE
0026	Leaf River Cellulose, LLC	Wood Ash	Soil Amendment	13,007
0027	Masonite Corporation	Dewatered Fiber	Soil Amendment	INACTIVE
0028	Masonite Corporation	Wood Ash	Soil Amendment	INACTIVE
0030	Bailey & Sons	Wood Ash	Soil Amendment	8,210
0033	American Sugar Refining, Inc.	Lime By-Product	Soil Amendment	5,731
0034	Columbus Light and Water Department	Iron Oxide	Soil Amendment	INACTIVE
0037	Separation Technologies, LLC	Coal Ash	Construction	207
0038	SEFA Group	Coal Ash	Construction	24,147
0039	Boral Material Technologies, Inc.	Coal Ash	Construction	3,424
0041	Headwaters Resources, Inc.	Coal Ash	Construction	INACTIVE
0042	Headwaters Resources, Inc.	Coal Ash	Construction	99
0043	Headwaters Resources, Inc.	Coal Ash	Construction	5,722
0044	Headwaters Resources, Inc.	Coal Ash	Construction	12,786
0045	Headwaters Resources, Inc.	Coal Ash	Construction	INACTIVE
0046	Headwaters Resources, Inc.	Coal Ash	Construction	23,636
0047	Vicksburg Forest Products, LLC	Wood Ash	Soil Amendment	488
0050	Headwaters Resources, Inc.	Coal Ash	Construction	179
0051	Headwaters Resources, Inc.	Coal Ash	Construction	1,570
0052	Headwaters Resources, Inc.	Coal Ash	Construction	52,404
0053	Headwaters Resources, Inc.	Coal Ash	Construction	8,631
0054	International Paper	Boiler Ash/Cinders	Soil Amendment	INACTIVE
0055	International Paper	Composite Lime Material	Soil Amendment	INACTIVE
0056	Separation Technologies, LLC	Coal Ash	Construction	INACTIVE
0057	Beneficial Reuse Management	FGD Gypsum	Soil Amendment	INACTIVE
0058	Beneficial Reuse Management	FGD Gypsum	Soil Amendment	INACTIVE
0059	Milwaukee Metro Sewerage District	Milorganite	Soil Amendment	117
0060	Leaf River Cellulose, LLC	Pulp Mill Clarifier Solids	Soil Amendment	27,803
0061	City of Natchez	Exceptional Quality Biosolids	Soil Amendment	115
0062	City of Clinton	Exceptional Quality Biosolids	Soil Amendment	4
0063	Southern Company	FGD Gypsum	Soil Amendment	INACTIVE
0064	Southern Company	FGD Gypsum	Soil Amendment	INACTIVE
0065	Southern Company	FGD Gypsum	Soil Amendment	INACTIVE
0066	Southern Company	FGD Gypsum	Soil Amendment	INACTIVE

0067	Southern Company	FGD Gypsum	Soil Amendment	INACTIVE
0068	Ag Soil Solutions, LLC	Exceptional Quality Biosolids	Soil Amendment	INACTIVE
0069	Ag Soil Solutions, LLC	Exceptional Quality Biosolids	Soil Amendment	INACTIVE
0070	Ag Soil Solutions, LLC	Exceptional Quality Biosolids	Soil Amendment	INACTIVE
0071	Sim's Bark Company	Rice Hull Combustion Ash	Coloring Agent	1,152
0072	CL Dews & Sons Foundry and Machinery Co. Inc.	Non-Hazardous Foundry Sand	Landscape Additive	560
0073	Southern Company	FGD Gypsum	Soil Amendment	INACTIVE
0074	International Paper	Composite Boiler Ash	Soil Amendment	INACTIVE
0075	Headwaters Resources, Inc.	Coal Combustion Fly Ash	Construction	691
0076	Newton County Board of Supervisors	Non-Hazardous Foundry Slag	Construction	1,945
0077	Sanderson Farms	Digested Lagoon Residuals	Soil Amendment	INACTIVE
0078	Tyson Farms, Inc.	Digested Lagoon Residuals	Soil Amendment	INACTIVE
0079	Amite BioEnergy, LLC	Boiler Ash	Soil Amendment/ Construction	2
0080	Tyson Farms, Inc.	Digested Lagoon Residuals	Soil Amendment	INACTIVE
0081	Hood Industries	Wood Ash	Soil Amendment	INACTIVE
0082	SEL, Inc.	Wood Ash	Soil Amendment	6
0083	SEL, Inc.	Lime Mud	Soil Amendment	20
0084	Boral Material Technologies, Inc.	Coal Combustion Fly Ash	Construction	26

Total **935,282**

Total Construction Uses	844,332
Total Soil Amendment Uses	89,236
Total Other	1,712

WASTE TIRE MANAGEMENT

MDEQ is tasked by the State Legislature through the Mississippi Waste Tire Management Program with promoting the goal of statewide waste tire recycling and administers state rules and regulations for the collection, transportation, storage, processing, recycling, and disposal of waste tires. Prior to the adoption of state regulations in 1991, many waste tires were disposed of in landfills or illegal dumps. Today, the majority of the estimated 3.0 million waste tires generated annually in Mississippi are 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 2018.

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 2018, there were a total of 118 licensed waste tire haulers in Mississippi that reportedly managed a total of 7.9 million waste tires. Of the total number of haulers, 52 were commercial haulers authorized to collect waste tires from various retail tire stores, automobile salvage yards, and other waste tire generators and accounted for 97.6% of the waste tires collected. The remaining 66 waste tire haulers were private haulers, only transporting the waste tires they generate through their normal business operations. Haulers imported about 3.2 million waste tires into the State and transported almost 1.5 million 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 2018. As required by state law, local governments operated a total of 145 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 2018, these local government sites managed approximately 917,000 passenger tire equivalents (PTE's*) and 98.49% of these waste tires were recycled. In 2018, there were also 4 permitted commercial waste tire collection sites that collected and managed approximately 950,700 PTE's.

Recycling and Disposal

In 2018, 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 5,960,382 PTE's (67,054 tons) of waste tires. Approximately 52.83% of the tires processed were imported into Mississippi from out-of-state. Of the total number of tires processed, 96.42% were recycled for use mostly as a supplemental fuel source. These reports also showed that 92.41% of the waste tires generated and processed within Mississippi were recycled. A total of 5,746,949 PTE's were processed for recycling purposes and 213,433 PTE's were processed prior to landfill disposal.

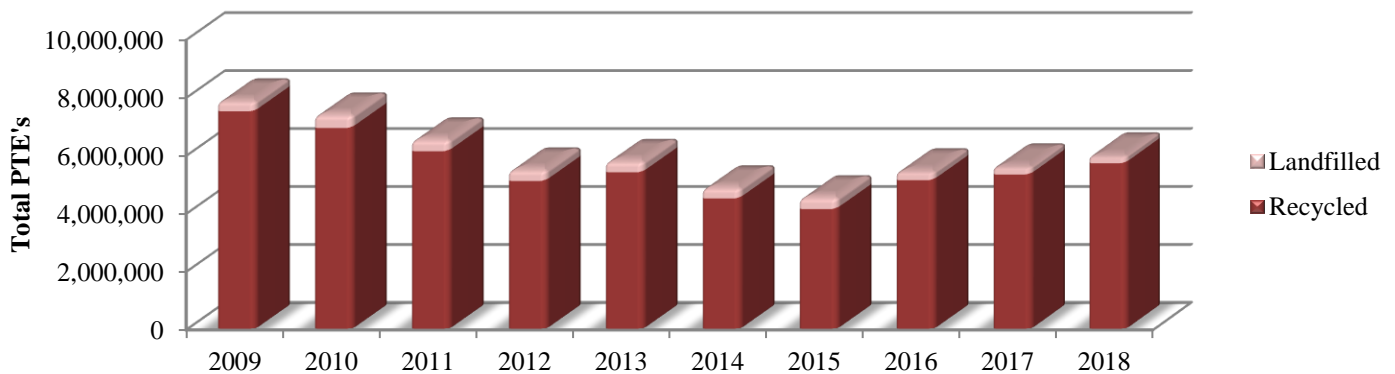
This report contains summary information on the activities conducted at the commercial waste tire processing facilities in Mississippi during Calendar Year 2018. The report includes the following information:

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 2018 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 2018, Mississippi waste tire processing facilities managed 379,450 more PTE's than during Calendar Year 2017 (see Figure 17 below).

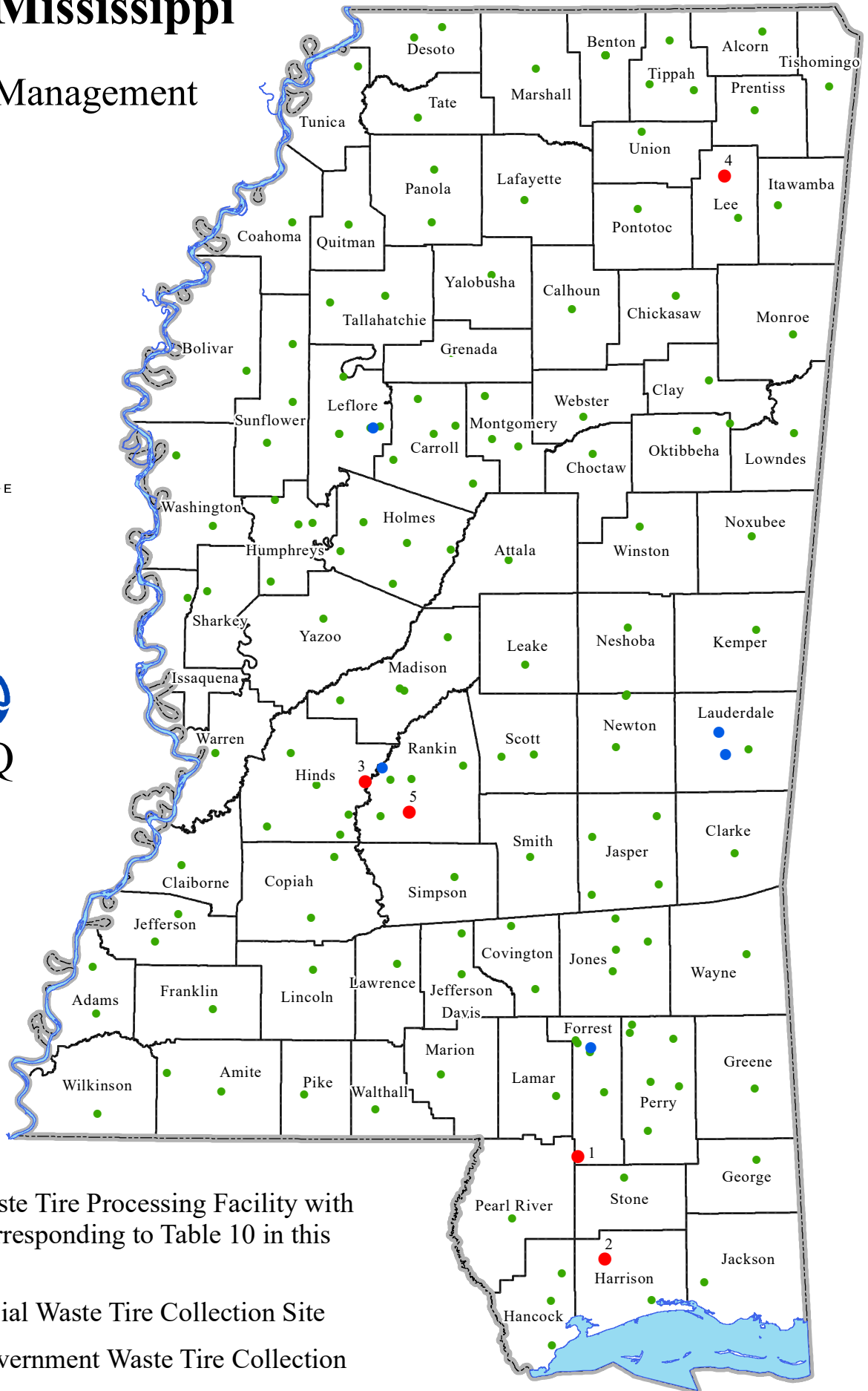
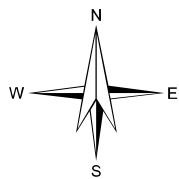
FIGURE 17



*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 10 in this section.
- Commercial Waste Tire Collection Site
- Local Government Waste Tire Collection Site

TABLE 10
Operational Information on Commercial Waste Tire Processing Facilities
Calendar Year 2018

(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.	Luvem Fairley	Disposal	118,915	1,338		
2	Harrison	Triplett's Tire Processing	George Triplett	Disposal	94,518	1,063		
3	Hinds	MS Tire Recycling	MS Tire Recycling, LLC	Crumb Rubber	961,517	10,817		
4	Lee	Liberty Tire Recycling	Liberty Tire Recycling, LLC	Tire Derived Fuel	4,777,830	53,751	3,148,971	65.91
5	Rankin	Cowboy and Cowgirl Swings	Cowboy and Cowgirl Swings, Inc.	Tire Swings	7,602	86		
Total					5,960,382	67,054	3,148,971	52.83



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