# STATE OF MISSISSIPPI

# STATUS REPORT ON SOLID WASTE MANAGEMENT FACILITIES AND ACTIVITIES

## **CALENDAR YEAR 2014**



#### PREPARED BY:

SOLID WASTE POLICY, PLANNING & GRANTS BRANCH
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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 2014. 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 byproducts 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 2014 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 Land 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 presorted 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 2014 has generally not been fully 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

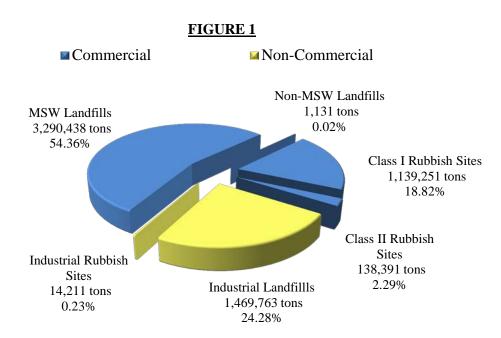
For copies of previous reports or for additional information on solid waste management in Mississippi, please visit the MDEQ Solid Waste Program webpage at:

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

#### **STATUS REPORT SUMMARY**

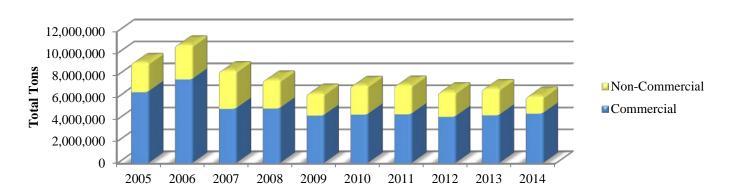
#### **Solid Waste Disposal Facilities**

The annual facility reports indicate that a total of 6,053,185 tons of solid waste was received for disposal during Calendar Year 2014 at commercial and non-commercial landfills and rubbish sites. Commercial solid waste disposal facilities disposed of 4,569,211 tons (75.48%) of waste and non-commercial solid waste disposal facilities disposed of 1,483,974 tons (24.52%) of waste (see Figure 1).



This status report also indicates that Mississippi received a total of 708,709 tons of solid waste from out-of-state sources representing 11.71% of the total solid waste that was disposed during Calendar Year 2014. Commercial landfills received 650,687 tons and commercial rubbish sites received 58,022 tons of out-of-state waste. Overall, in 2014, Mississippi solid waste disposal facilities received 677,755 tons less nonhazardous solid waste for disposal than during Calendar Year 2013 (see Figure 2).

#### FIGURE 2

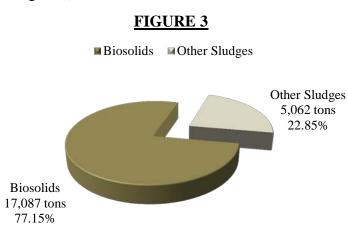


#### **Transfer Stations**

The annual reports indicate that a total of 753,100 tons of solid waste was received during Calendar Year 2014 at solid waste transfer stations for ultimate disposal at a commercial solid waste landfill.

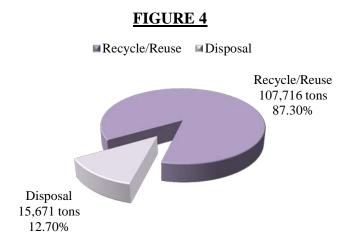
#### **Land Application Sites**

The annual reports indicate that a total of 22,149 tons of solid waste was received during Calendar Year 2014 at land application sites. Land application sites applied 17,087 dry tons (77.15%) of municipal wastewater sludge (biosolids) and 5,062 dry tons (22.85%) of waste other than municipal wastewater sludge such as poultry processing sludge, industrial process sludge, and other materials (see Figure 3).



#### **Processing Facilities**

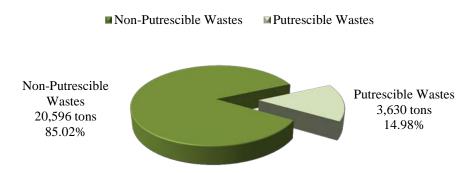
The annual reports indicate that a total of 123,387 tons of solid waste was received during Calendar Year 2014 at processing facilities. These facilities processed a variety of solid wastes including wood wastes, ash, construction and demolition materials, putrescible wastes, and medical wastes to facilitate recycling, reuse or disposal. Processing facilities recycled or reused 107,716 tons (87.30%) of the solid wastes received and disposed of 15,671 tons (12.70%) of the solid waste received (see Figure 4).



#### **Composting Facilities**

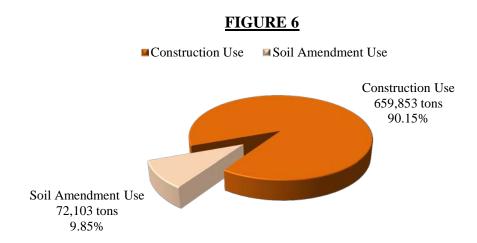
The annual reports indicate that a total of 24,226 tons of solid waste was received during Calendar Year 2014 at composting sites. Facilities that compost only non-putrescible wastes such as vegetative debris and untreated wood wastes received 20,596 tons (85.02%) of the total. Facilities that compost non-putrescible wastes and putrescible waste such as food wastes and animal manures received 3,630 tons (14.98%) of solid waste (see Figure 5).





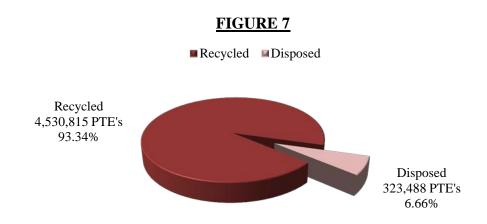
#### **Beneficial Use Determinations**

The annual reports indicate that a total of 731,956 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 2014. Construction related projects accounted for 659,853 tons (90.15%) of the by-products distributed and the remaining 72,103 tons (9.85%) were used in soil amendment or conditioning activities (see <u>Figure 6</u>).



#### **Waste Tire Management Program**

The waste tire processing facility reports indicate that a total of approximately 4,854,303 passenger tire equivalents (PTE's) were managed in Mississippi during Calendar Year 2014. Approximately 4,530,815 PTE's (93.34%) of the waste tires went to processing facilities that recycle the majority of the waste tire and the remaining 323,488 PTE's (6.66%) went to processing sites that dispose of all components of the waste tire in permitted monofills or rubbish sites (see 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 2014. According to the submitted annual reports, these landfills disposed of a total of 3,290,438 tons of solid waste during Calendar Year 2014.

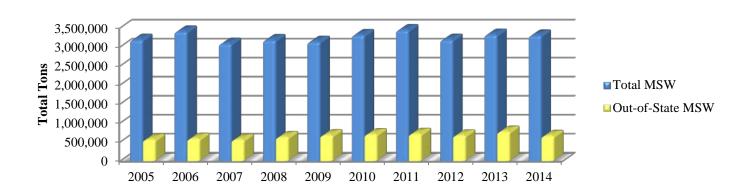
The annual report on the solid waste disposal activities conducted at each MSW landfill is required by the Mississippi Code Annotated §17-17-219 and Rule 1.4.B.(15) of the Mississippi Nonhazardous Solid Waste Management Regulations. This report contains a summary of the information from these individual 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 2014 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 2014, Mississippi MSW landfills received 22,996 tons less municipal solid waste for disposal than during Calendar Year 2013 (see <u>Figure 8</u> below).

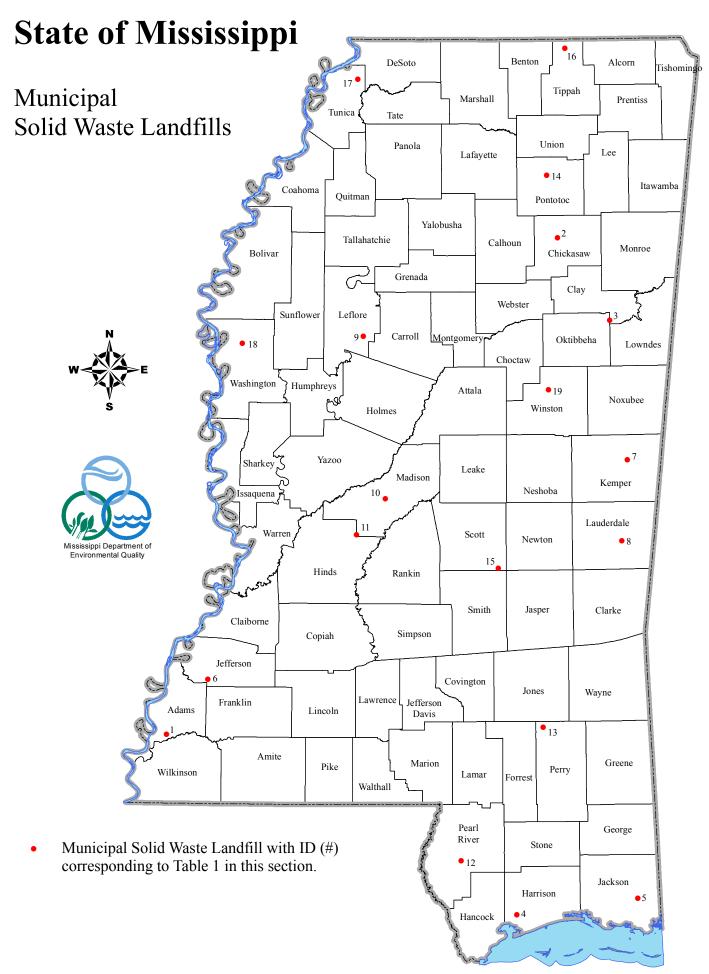
#### FIGURE 8



<u>FIGURE 9</u> below shows a comparison of the annual disposal amounts for MSW landfills from Calendar Years 2009 through 2014. Over this six year period, the average annual percent change in disposal rates was +1.15% for total MSW, +1.55% for in-state MSW, and +0.004% for out-of-state MSW. The total amount of wastes disposed at MSW Landfills during Calendar Year 2014 represents a 5.27% increase over the total amount of waste received in Calendar Year 2009.

#### FIGURE 9

<u>CALENDAR YEAR</u>							
MSW (tons)	2009	2010	2011	2012	2013	2014	Avg. Annual % Change
Total	3,125,734	3,303,079	3,432,853	3,180,139	3,313,434	3,290,438	1.15
In-State	2,459,134	2,609,777	2,729,305	2,517,611	2,552,346	2,639,751	1.55
Out-of-State	666,600	693,301	703,548	662,528	761,028	650,687	0.004



<u>TABLE 1</u>
Disposal Information on Municipal Solid Waste Landfills
Calendar Year 2014

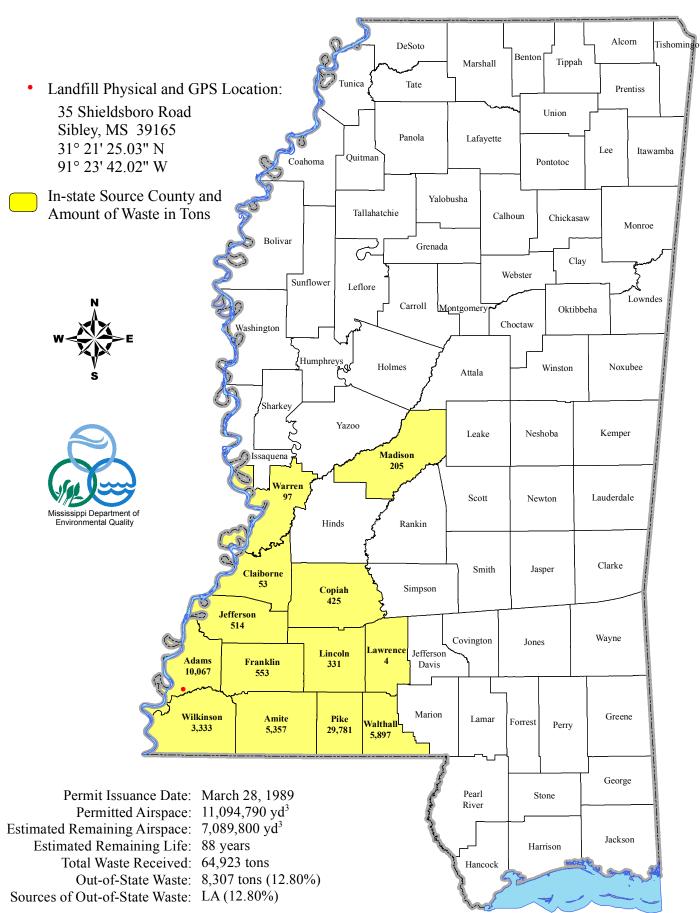
<b>(I)</b>	(II)	( <b>III</b> )	( IV )	(V)	(VI)	(VII)		(VIII)
ID County		Name of Facility	Owner	Permitted	<b>Total Waste</b>	Out of State		Est. Life
				Acreage	Received	Waste Received		Remaining
				ricreage	tons/year	tons/year	%	years
1	Adams	Plantation Oaks Landfill	Waste Mgt. of MS, Inc.	80	64,923	8,307	12.80	86
2	Chickasaw	Prairie Bluff Landfill	Waste Mgt. of MS, Inc.	236	78,693	15,232	19.36	150
3	Clay	Golden Triangle Reg. Landfill	Golden Triangle Reg. SWMA	288	145,212	0	0.00	50
4	Harrison	Pecan Grove Landfill	Waste Mgt. of MS, Inc.	176	405,385	3,038	0.75	17
5	Jackson	MacLand Landfill**	MacLand Disposal Center, Inc.	49	171,567	67,212	39.18	16
6	Jefferson	Riverbend Landfill	Riverbend Env. Services, LLC	162	174,552	89,752	51.42	77
7	Kemper	Kemper Co. Landfill	Kemper Co. Landfill Company	22	56,717	7,247	12.78	15
8	Lauderdale	Pine Ridge Landfill	Waste Mgt. of MS, Inc.	75	109,069	17,721	16.25	35
9	Leflore	<b>Leflore County Landfill</b>	Leflore Co. B.O.S.	56	83,733	0	0.00	10
10	Madison	Canton Sanitary Landfill	City of Canton	150	40,458	0	0.00	83
11	Madison	Little Dixie Landfill	BFI Waste Sys. of MS, LLC	165	279,844	50	0.02	13
12	Pearl River	Central Landfill	TransAmerican Waste, Inc.	109	60,251	7,192	11.94	124
13	Perry	Pine Belt Reg. Landfill	Pine Belt Reg. SWMA	49	156,331	0	0.00	5
14	Pontotoc	Three Rivers Reg. Landfill	Three Rivers Reg. SWMA	207	210,211	0	0.00	55
15	Scott	Clearview Env. Control Facility	Chambers of MS, Inc.	145	365,311	400	0.11	40
16	Tippah	Northeast MS Reg. Landfill	Northeast MS Reg. SWMA	82	420,615	226,362	53.82	11
17	Tunica	Tunica Landfill	Waste Mgt. of Tunica, Inc.	203	303,433	197,160	64.98	58
18	Washington	Big River Landfill	BFI Waste Sys. of MS, LLC	148	138,539	11,014	7.95	103
19	Winston	Louisville Landfill	City of Louisville	39	25,594	0	0.00	91

Total 3,290,438 650,687 19.78

<sup>\*\*</sup>Facility accepts only non-residential MSW

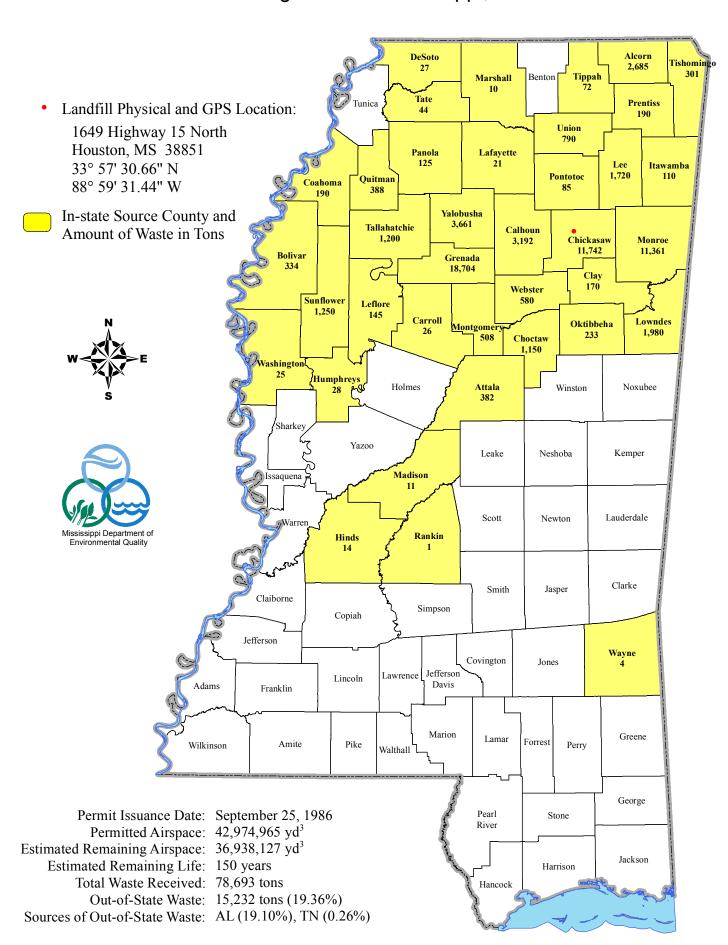
## **PLANTATION OAKS LANDFILL**

Waste Management of Mississippi, Inc.



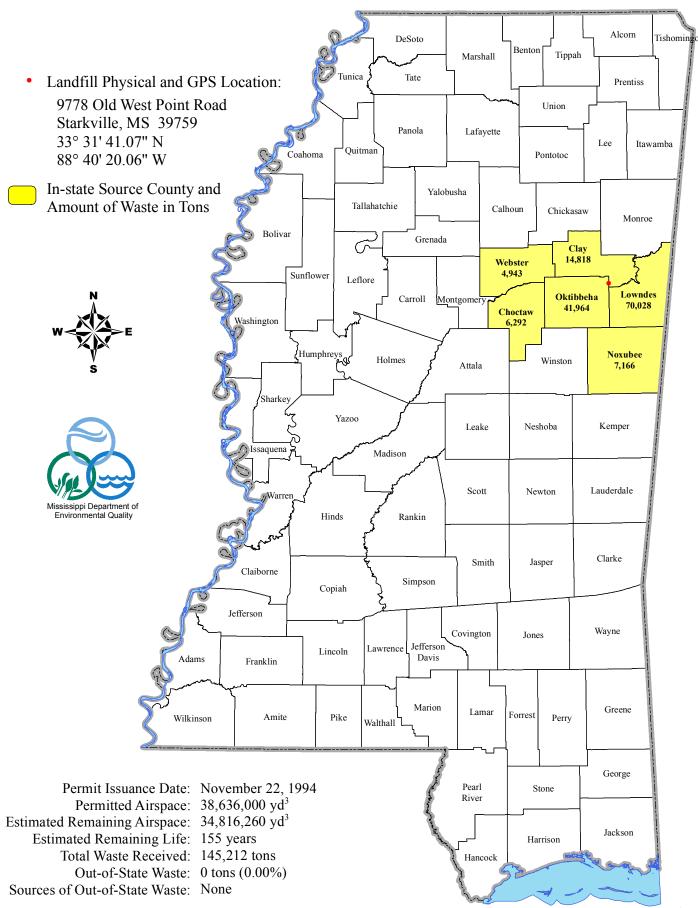
## PRAIRIE BLUFF LANDFILL

Waste Management of Mississippi, Inc.



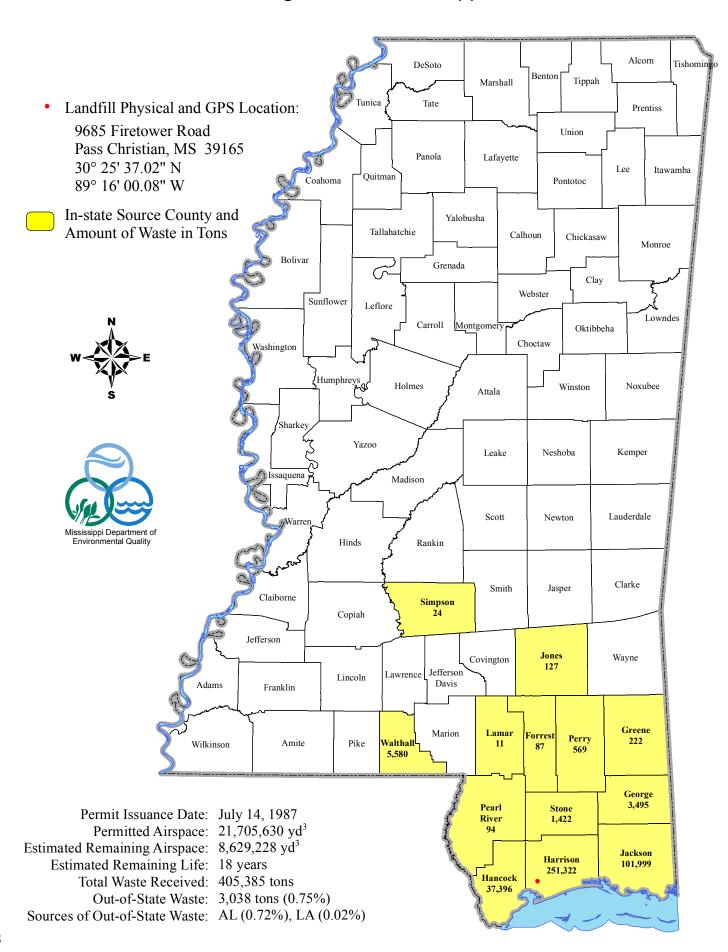
## **GOLDEN TRIANGLE REGIONAL LANDFILL**

Golden Triangle Regional Solid Waste Management Authority



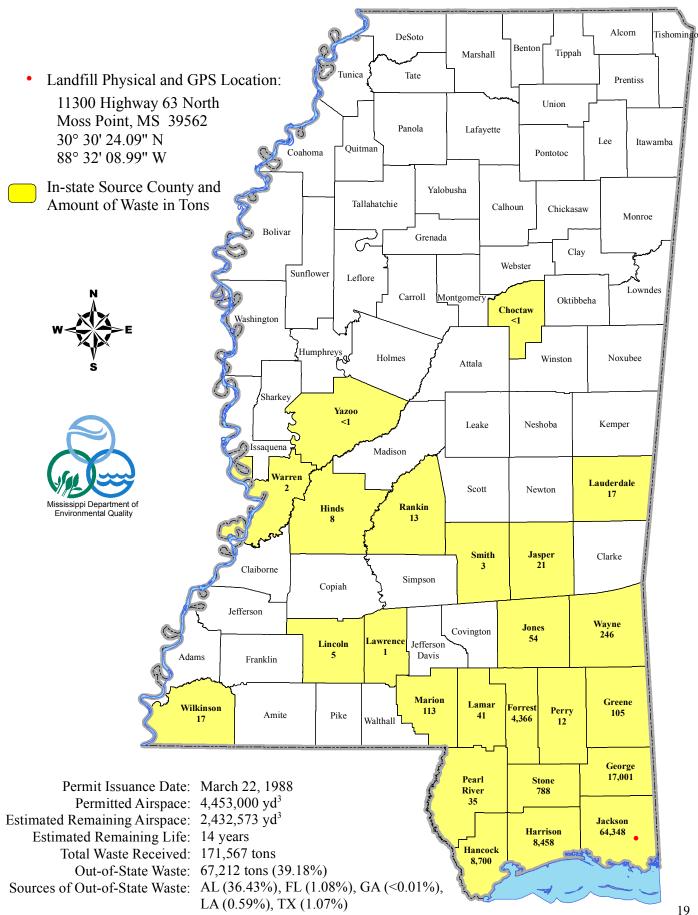
## **PECAN GROVE LANDFILL**

Waste Management of Mississippi, Inc.



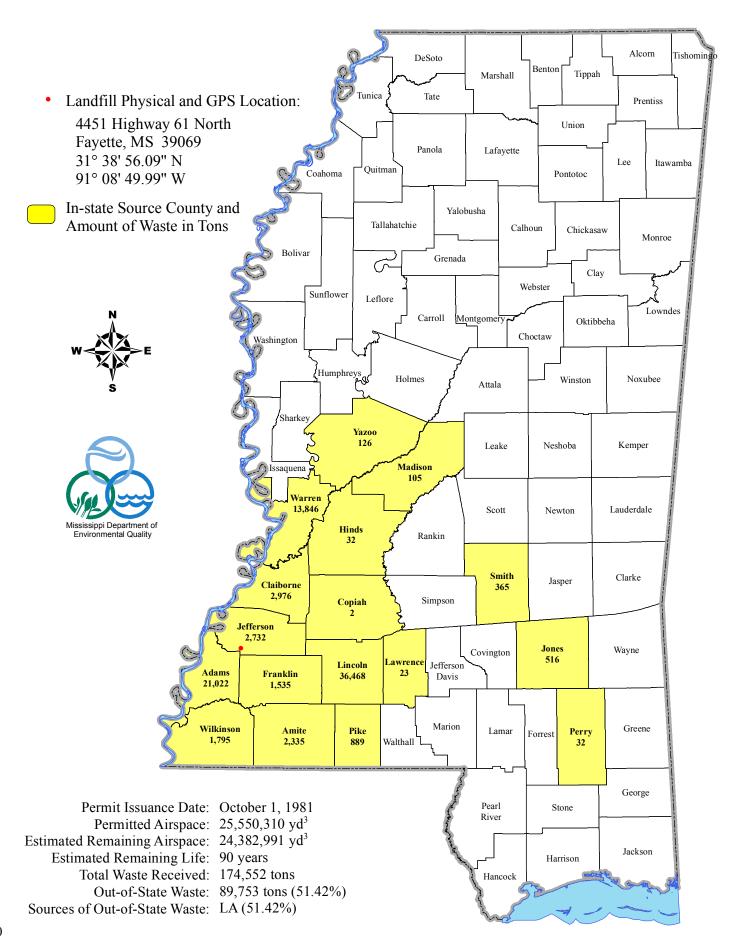
## MACLAND DISPOSAL CENTER INC.

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



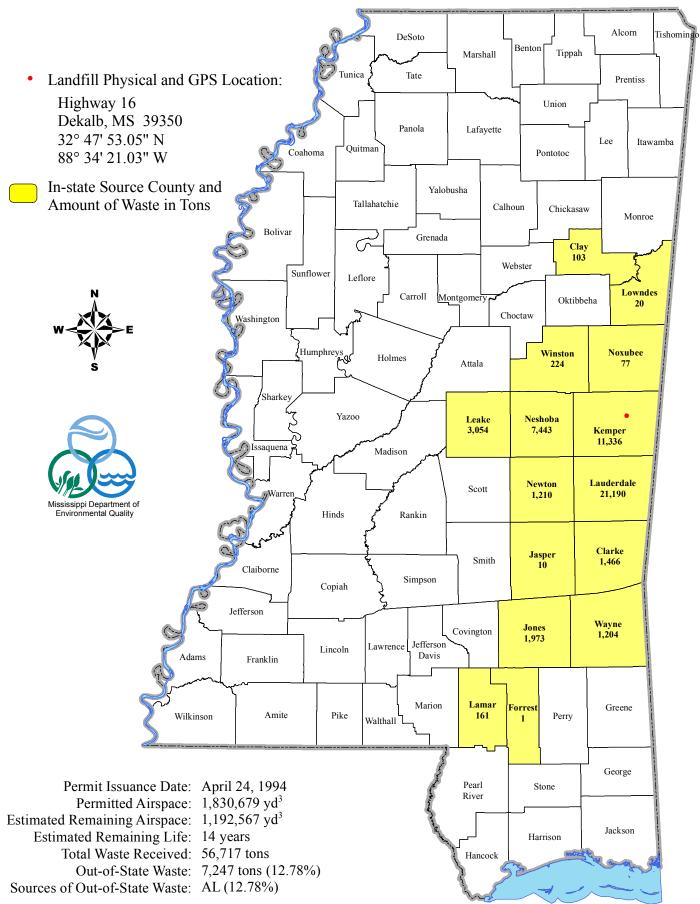
## RIVERBEND ENVIRONMENTAL SERVICES LANDFILL

#### Riverbend Environmental Services, LLC



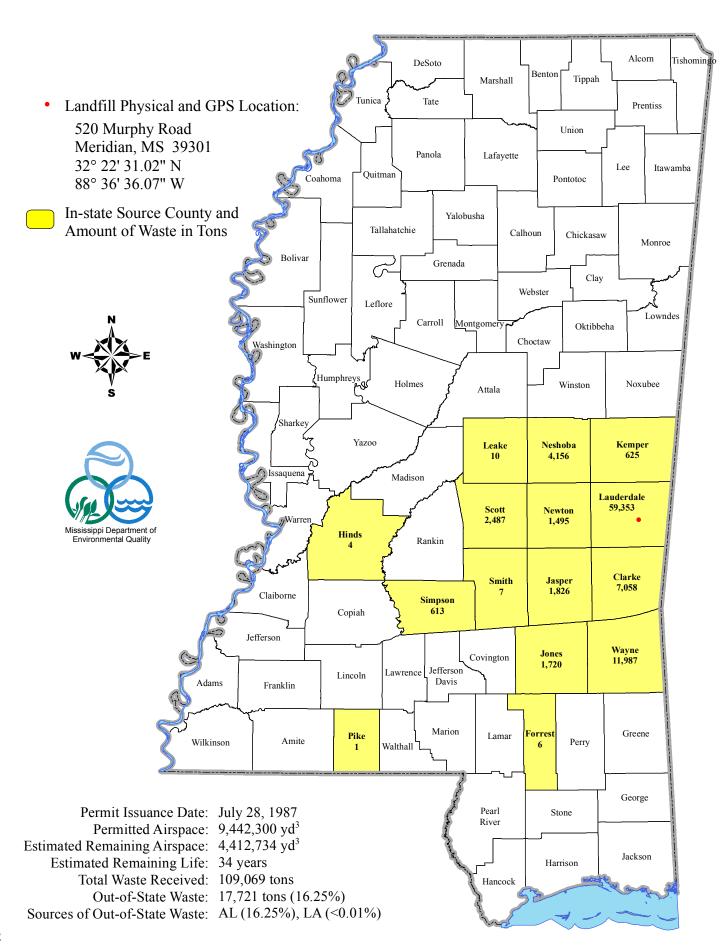
## **KEMPER COUNTY SOLID WASTE LANDFILL**

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



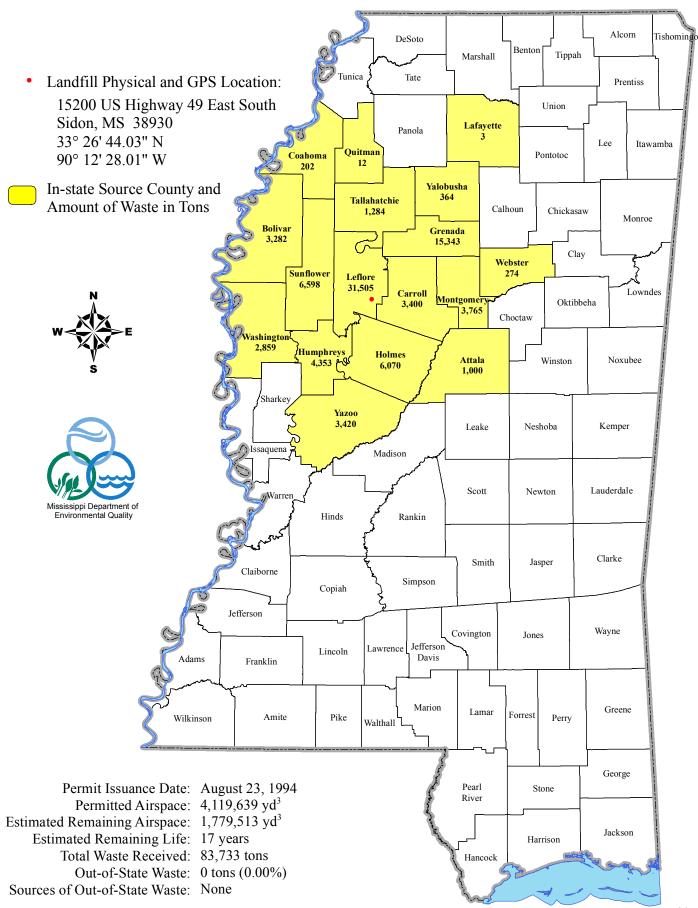
## PINE RIDGE SANITARY LANDFILL

Waste Management of Mississippi, Inc.



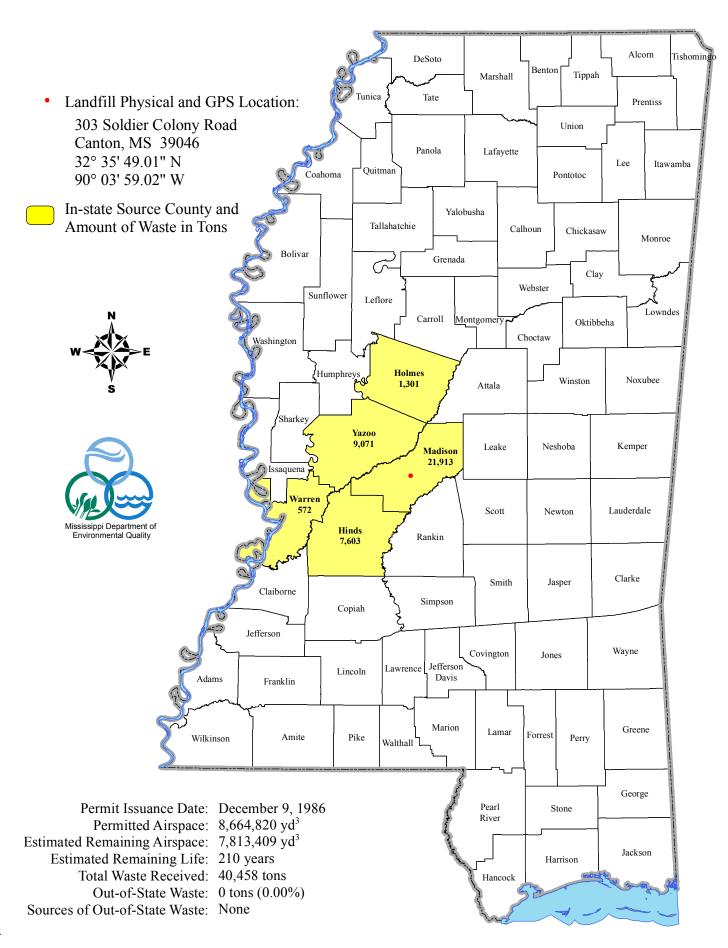
## LEFLORE COUNTY MUNICIPAL SOLID WASTE LANDFILL

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



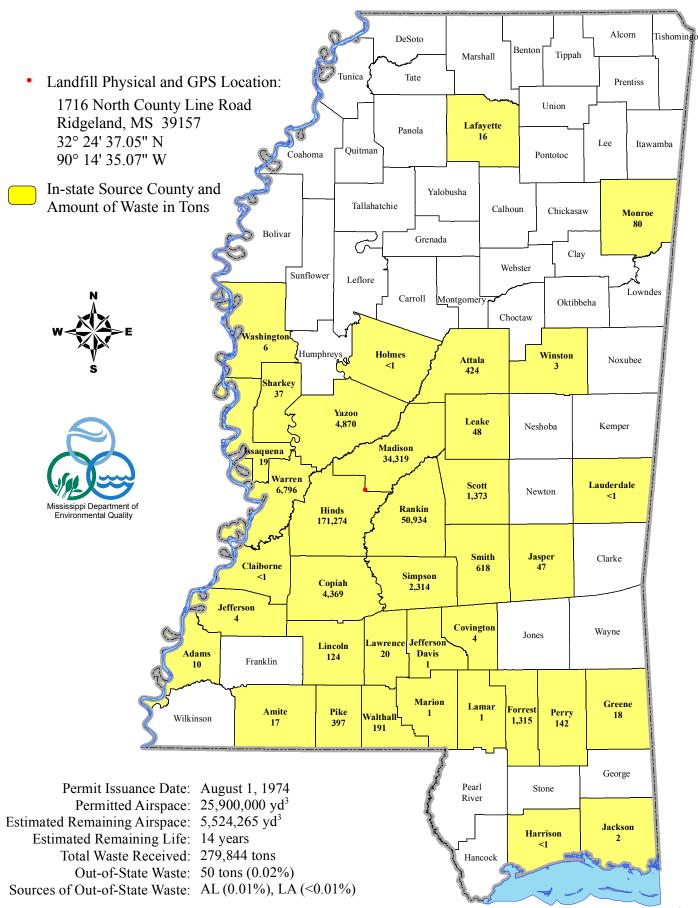
## **CANTON SANITARY LANDFILL**

## City of Canton



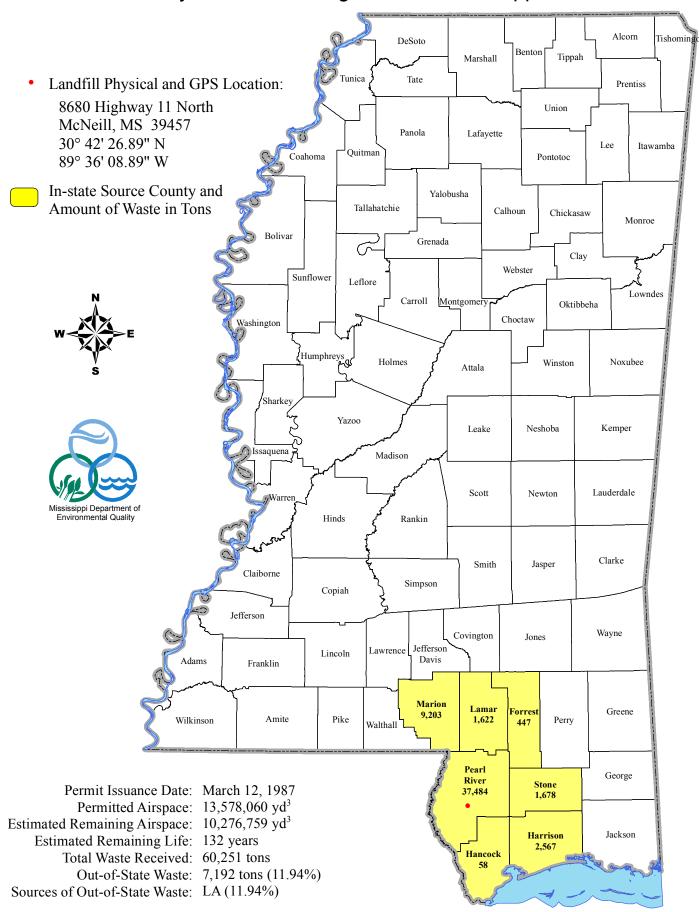
## LITTLE DIXIE LANDFILL

## BFI Waste Systems of Mississippi, LLC



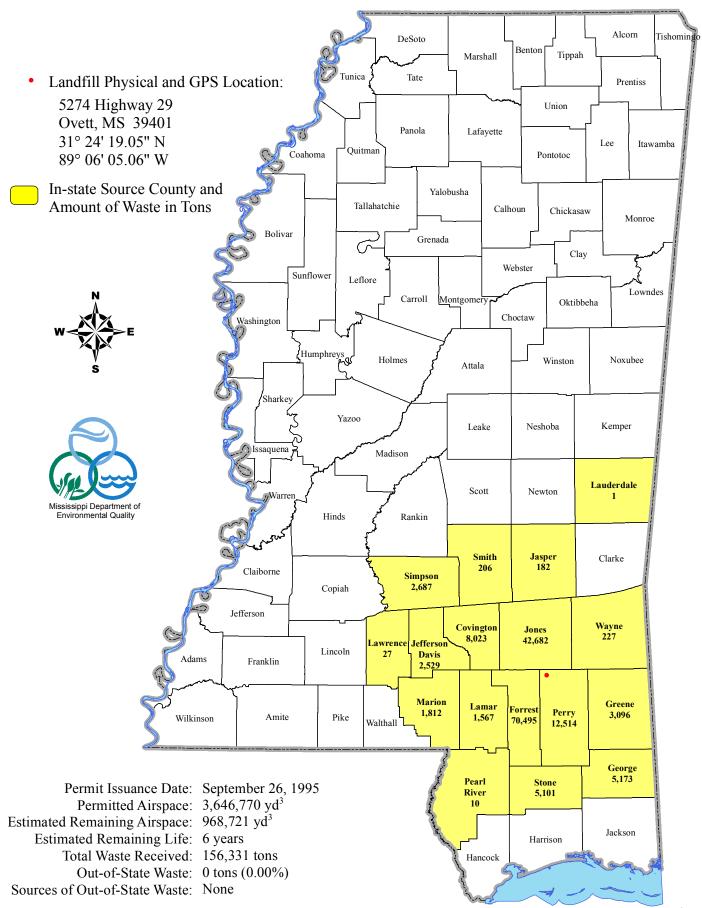
## **CENTRAL LANDFILL**

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



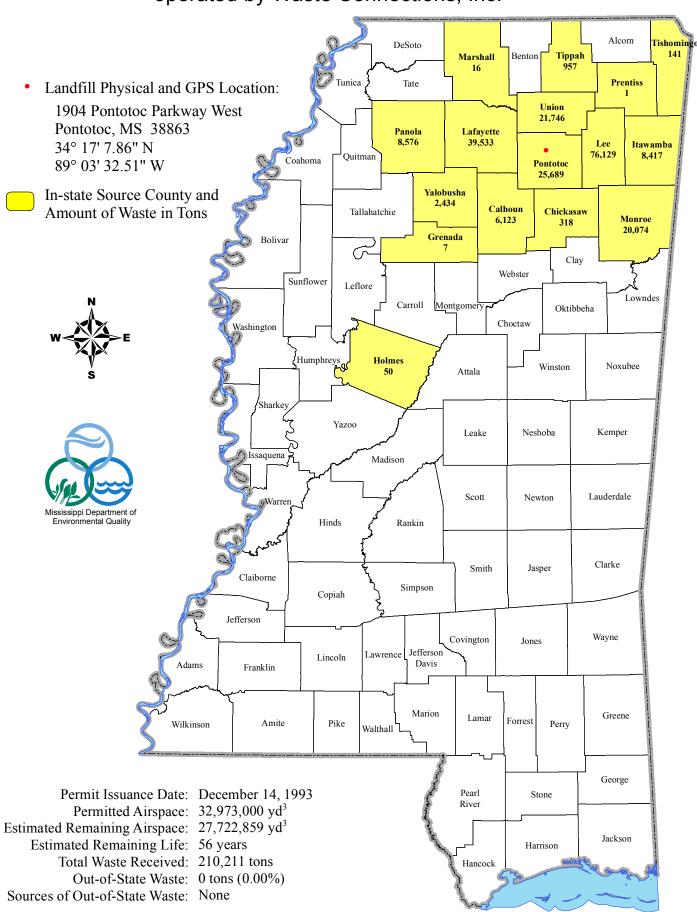
## PINE BELT REGIONAL LANDFILL

## Pine Belt Solid Waste Management Authority



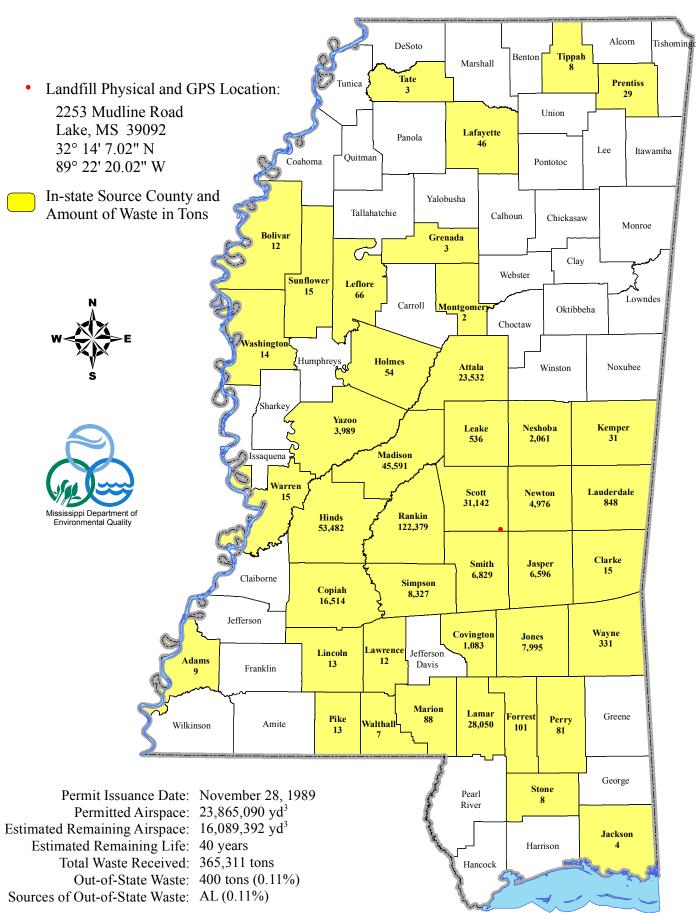
## THREE RIVERS REGIONAL LANDFILL

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



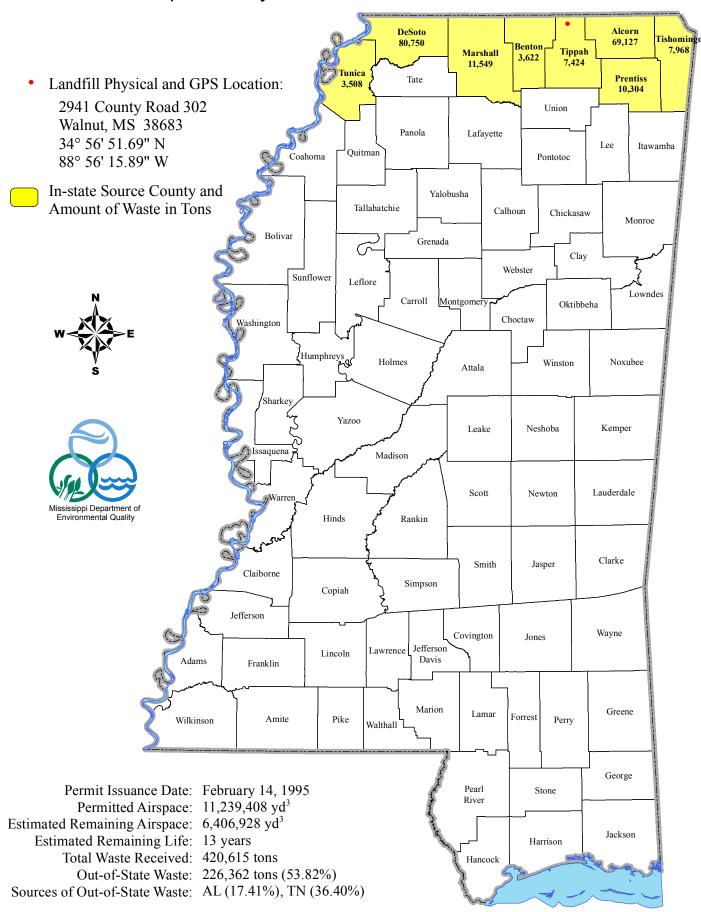
## **CLEARVIEW ENVIRONMENTAL CONTROL FACILITY**

Chambers of Mississippi, Inc.



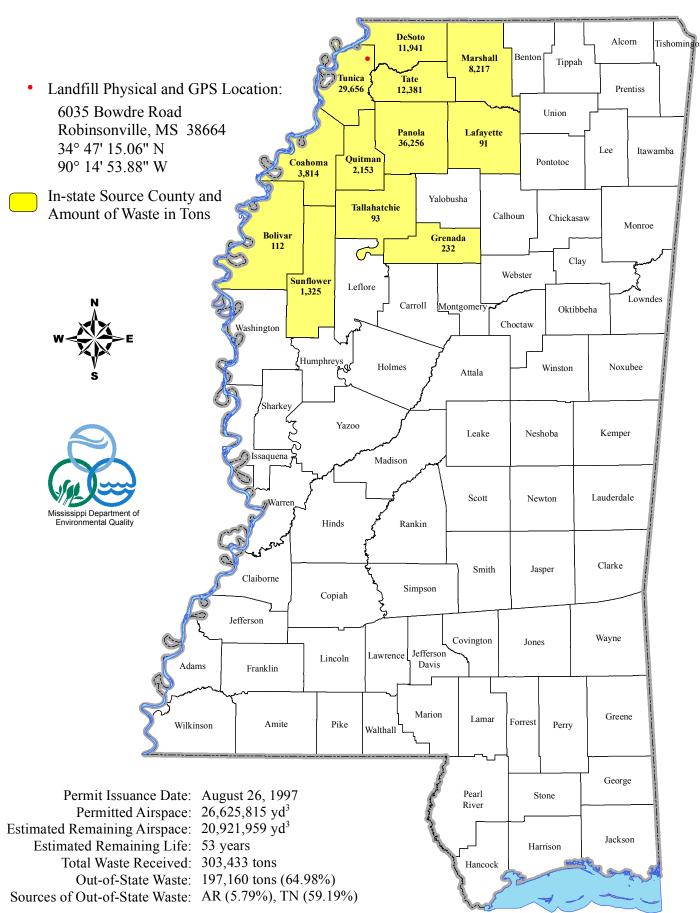
## NORTHEAST MISSISSIPPI REGIONAL LANDFILL

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



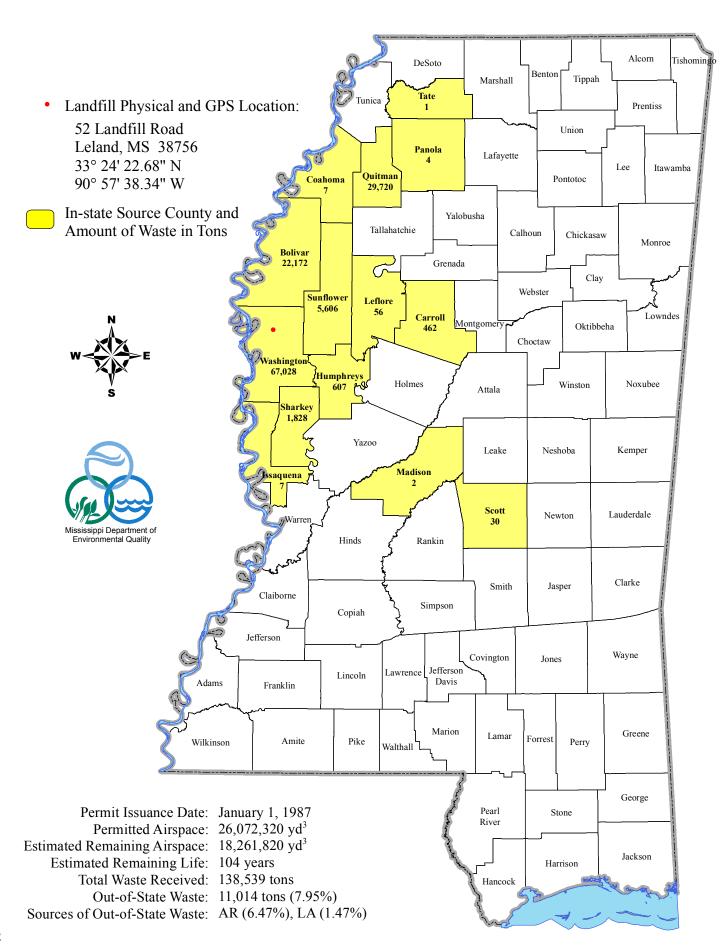
## **TUNICA COUNTY LANDFILL**

Waste Management of Tunica Landfill, Inc.



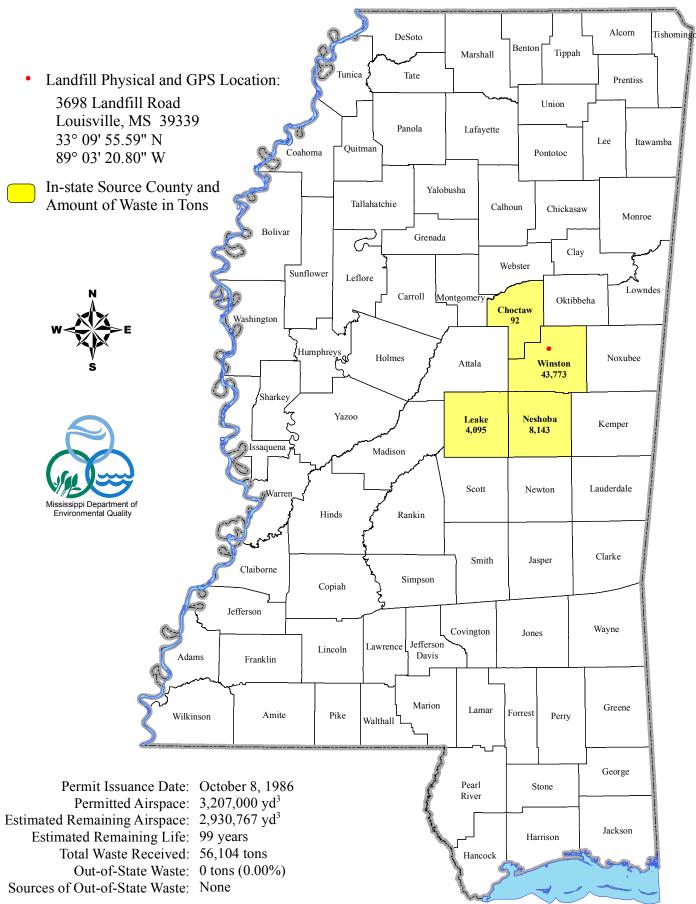
## **BIG RIVER LANDFILL**

## BFI Waste Systems of Mississippi, LLC



## **LOUISVILLE LANDFILL**

## City of Louisville



#### NON-MUNICIPAL SOLID WASTE (NON-MSW) LANDFILLS

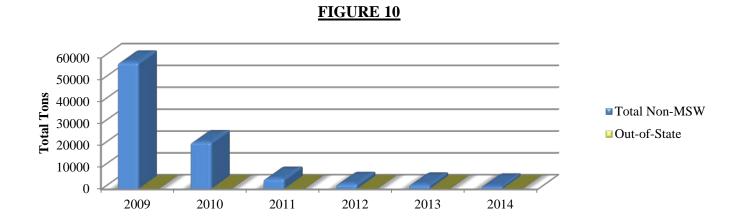
Non-MSW Landfills are commercial disposal facilities that are designed and constructed to receive a limited range of nonhazardous solid wastes including industrial sludges, ashes, and other process wastes or special wastes, such as asbestos, for disposal. These landfills generally receive waste from 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 3 permitted non-MSW landfills during Calendar Year 2014. According to the submitted annual reports, the 2 active non-MSW landfills disposed of a total of 1,131 tons of solid waste.

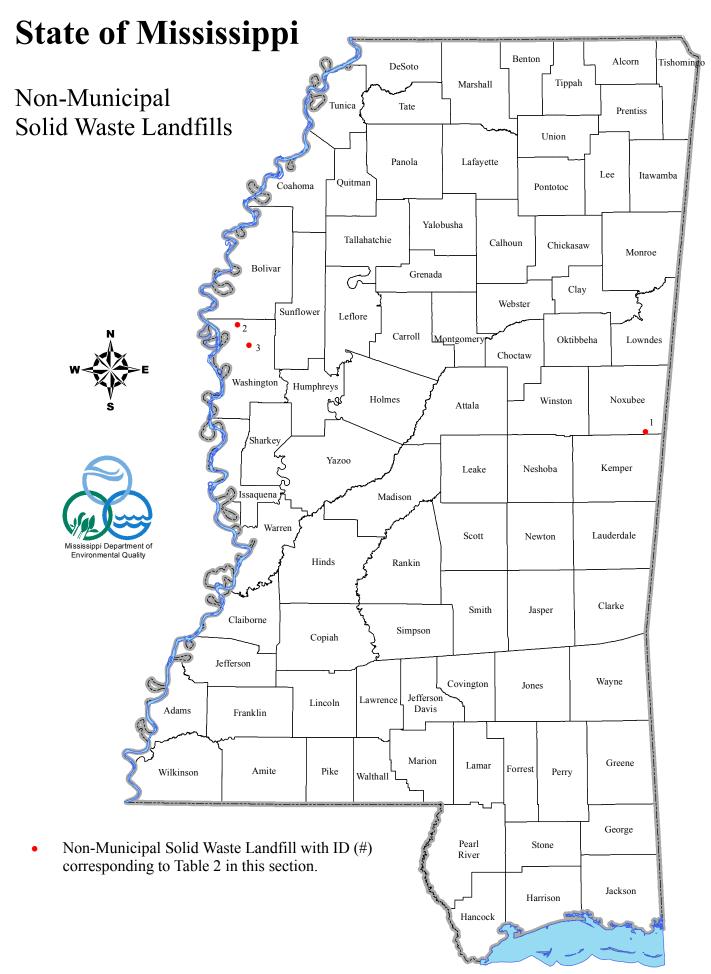
The annual report on the solid waste disposal activities conducted at each non-MSW landfill is required by the Mississippi Code Annotated §17-17-219 and Rule 1.4.B.(15) of the Mississippi Nonhazardous Solid Waste Management Regulations. This report contains a summary of these individual facility reports 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 2014 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 2014, Mississippi Non-MSW landfills received 579 tons less solid waste for disposal than during Calendar Year 2013 (see <u>Figure 10</u>).





<u>TABLE 2</u>
Disposal Information on Non-Muncipal Solid Waste Landfills
Calendar Year 2014

<b>(I)</b>	(II)	( <b>III</b> )	( IV )	(V)	( <b>VI</b> )	(VII)		(VIII)
ID Co	County	Name of Facility	Owner	Permitted Acreage	Total Waste Received			Est. Life Remaining
					tons/year	tons/year	%	years
1	Noxubee	Robo Asbestos Landfill	Bosarge & Edmonds Cont. Inc.	14	421	0	0.00	15
2	Washington	Branco Landfill	Nolan Branton	25	710	0	0.00	15
3	Washington	LMI Landfill	Landfill Management Inc.	3	INACTIVE		58	

# **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 83 permitted commercial Class I rubbish sites during Calendar Year 2014. According to the submitted annual reports, the 69 active Class I rubbish sites disposed of a total of 1,139,251 tons of rubbish wastes (13 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 64 permitted commercial Class II rubbish sites during Calendar Year 2014. According to the submitted annual reports, the 52 active Class II rubbish sites disposed of a total of 138,391 tons of rubbish wastes (11 sites were inactive and 1 did not report).

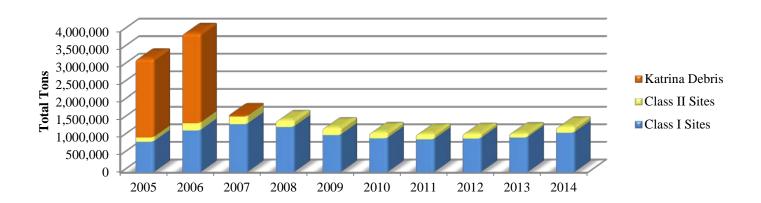
An annual report on the solid waste disposal activity conducted at each rubbish site is required by the Mississippi Code Annotated §17-17-219, Rule 1.6.E(17) of the Mississippi Nonhazardous Solid Waste Management Regulations, ACT 7.S-1 of Statewide General Permit No. SWGP-R1 for Class I rubbish sites,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

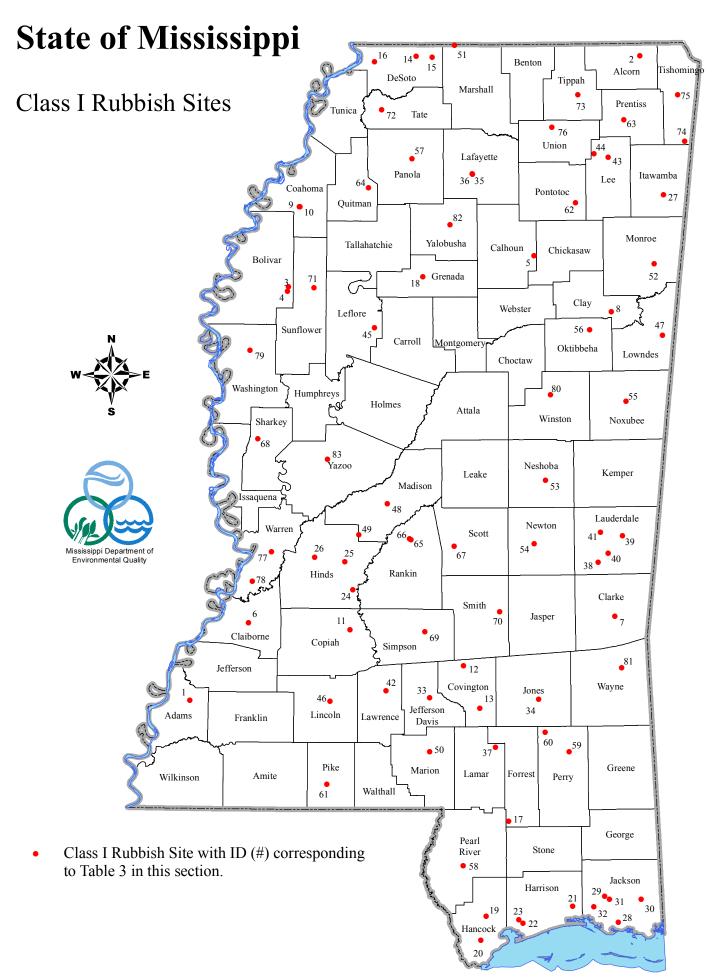
- 1. A state map showing the locations of the permitted Class I rubbish sites;
- 2. A summary of the information provided by rubbish site owners in the individual annual reports for Calendar Year 2014 for the permitted Class I rubbish sites. The information is listed alphabetically by the County in which 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 2014 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 2014, commercial rubbish sites received 182,841 tons more rubbish for disposal than during Calendar Year 2014 (see Figure 11).

## FIGURE 11





<u>TABLE 3</u>
Disposal Information on Permitted Class I Rubbish Sites
Calendar Year 2014

<b>(I)</b>	(II)	(III)	( IV )	(V)	( <b>VI</b> )	(VI	[)	( V	TII)
	~ .			Permitted	<b>Total Waste</b>	Out of		Est. Life	
ID	County	Name of Facility	Owner	Acreage	Received	Waste Re			aining
1	A -l	St. C. d. J. D. H. J. St.	Tried Dissess Co	27	tons/year	tons/year	10.40	years	acres
2	Adams	St. Catherine Rubbish Site	Triad Disposal Co.	27	6,442	1,250 ACTIVE	19.40	59	22
	Alcorn	Alcorn Co. Rubbish Site	Alcorn Co. B.O.S.	15		ACTIVE		1	
3	Bolivar	Bolivar Co. Rubbish Site	Bolivar Co. B.O.S.	23	7,618			10	10
4	Bolivar	Joe Reed Rubbish Site	Joe Reed & Co., Inc.	15	5,204			11	9.5
5	Calhoun	Blueberry Hill Rubbish Disposal	Waste Placement, Inc.	9	224			17	10
6	Claiborne	Claiborne Co. Rubbish Site	Claiborne Co. B.O.S.	22	5,997			15	12
7	Clarke	Clarke Co. Rubbish Site	Clarke Co. B.O.S.	27	1,432			3	3
8	Clay	West Point Rubbish Site	City of West Point	18	2,071	A COTTO		50	4.0
9	Coahoma	City of Clarksdale Rubbish Site	City of Clarksdale	18		ACTIVE			18
10	Coahoma	Clarksdale-Coahoma Rubbish Site	City of Clarksdale	16	9,664			1	1
11	Copiah	Krystal Gravel Rubbish Site	Krystal Gravel, Inc	15	4,862			20	14
12	Covington	Covington Co. Rubbish Site (N)	Covington Co. B.O.S.	4	1,235			4	0.4
13	Covington	Covington Co. Rubbish Site (S)	Covington Co. B.O.S.	24	2,202			13	9.9
14	DeSoto	DeSoto Co. Rubbish Pit	DeSoto Co. B.O.S.	38	90,852			8	
15	DeSoto	Railroad Ave. Disposal	Railroad Ave. Disposal, LLC	23	35,597	15,267	42.89	13	
16	DeSoto	Starlanding Rubbish Disposal	Unified Waste Sys., LLC	28	24,999	7,101	28.41	21	16
17	Forrest	Fairley's Tire & Rubber Disposal	Wilford Fairley	25	2,267			9	16
18	Grenada	Grenada Co. Rubbish Site	Grenada Co. B.O.S.	22	3,716			5	2.9
19	Hancock	HCDC Rubbish Site	Hancock Co. Development Co.	50	IN	ACTIVE			31
20	Hancock	King Rubbish Site	King Const. & Env. Serv. LLC	20	19,920	7,582	38.06	30	
21	Harrison	Coastal Recyclers Landfill	Advanced Disposal Services, Inc.	62	38,093			19	14
22	Harrison	Firetower Landfill	Firetower Landfill, LLC	36	20,615			14	18
23	Harrison	Pecan Grove Rubbish Site	Waste Mgt. of MS, Inc.	100	IN	ACTIVE			100
24	Hinds	City of Jackson Rubbish Site	City of Jackson	63	14,986				
25	Hinds	Faircloth Rubbish Landfill	Faircloth Rubbish LF, Inc	26	42,999			8	10
26	Hinds	Mid-South Recycling & Disposal	Danny Plunkett	12	DID N	OT REPORT			
27	Itawamba	Tilden-Clay Rd. Rubbish Landfill	Oxford Landfill Mgt. Inc.	5	IN	ACTIVE			3.8
28	Jackson	Applewhite Rubbish Site	Applewhite Recycling Sys., LLC	18	58,554			1	1
29	Jackson	John Ward Rubbish Site	John Ward	40	2,825			20	36
30	Jackson	MacLand II Rubbish Site	MacLand Dispsoal Inc. II	55	23,276			60	35
31	Jackson	Talley Disposal	Talley Disposal, LLC	25	43,849			20	12
32	Jackson	West Jackson Co. (Seaman Rd.)	Jackson Co. B.O.S.	39	24,013			30	18
33	Jeff. Davis	Jeff. Davis Co. Rubbish Landfill	Jefferson Davis Co. B.O.S.	7	1,166			30	3.1
34	Jones	Randy-Danny Rubbish Site	Randy-Danny, Inc.	11	21,257			2	1.1
35	Lafayette	North MS Recycling Solutions	North MS Recycling Solutions, LLC	23	IN	ACTIVE			23
36	Lafayette	Oxford Rubbish Site	City of Oxford	15	4,091			7	3
37	Lamar	Oak Grove Rubbish Site	Trashhunter's, Inc.	30	52,145			13	7
38	Lauderdale	G & G Construction Rubbish Site	G & G Construction, Inc.	1	IN	ACTIVE			0.75
39	Lauderdale	H.E. Mosley Rubbish Site	Phillip L. Mosley	5	4,194			2	1
40	Lauderdale	Waste Pro Meridian I Rubbish Site	Waste Pro Meridian L'fill I, LLC	42	44,745		0.00	20	33
41	Lauderdale	Waste Pro Meridian II Rubbish Site	Waste Pro Meridian L'fill II, LLC	15	IN	ACTIVE			2
42	Lawrence	Lawrence Co. Rubbish Site	Lawrence Co. B.O.S.	4	773			7	1.3
43	Lee	Mac's Tire Recyclers, Inc.	MTR Acquisition, Inc.	28	IN	ACTIVE			
44	Lee	TMCO Rubbish Site	Tim May Company, Inc.	30	144,462			10	12
45	Leflore	Leflore County Rubbish Site	Leflore Co. B.O.S	12	150				
46	Lincoln	Brookhaven Rubbish Site	City of Brookhaven	10	2,762			2	1.8
47	Lowndes	Columbus Rubbish Site	City of Columbus	16	28,342			5	5.6

<u>TABLE 3</u>
Disposal Information on Permitted Class I Rubbish Sites
Calendar Year 2014

(I)	(II)	(III)	( <b>IV</b> )	(V)	(VI)	( VI	(VII)		III)
				Permitted	<b>Total Waste</b>	Out of	State	Est.	Life
ID	County	Name of Facility	Owner	Acreage	Received	Waste R			ining
					tons/year	tons/year	%	years	acres
48	Madison	Canton Rubbish Site	City of Canton	37	21,759			17	11
49	Madison	Madison South Rubbish Landfill	Madison South Rubbish L'fill, Inc.	40	33,956			79	37
50	Marion	Columbia Rubbish Site	City of Columbia	19	6,562			6	15
51	Marshall	Quad County Landfill	Quad Co. Env. Solutions, LLC	38	18,541	12,947	69.83	26	38
52	Monroe	Monroe Co. Rubbish Site	Monroe Co. B.O.S.	23	7,569			5	7
53	Neshoba	Neshoba Co. Rubbish Site	Neshoba Co. B.O.S.	46	3,987			11	26
54	Newton	Newton Co. Rubbish Site	Newton Co. B.O.S.	45	23,993			10	5.7
55	Noxubee	Macon Rubbish Site	City of Macon	14	312			28	
56	Oktibbeha	Starkville Rubbish Site	City of Starkville	22	12,927			14	
57	Panola	Sardis Rubbish Site	City of Sardis	9	428			7	6.3
58	Pearl River	Central Landfill Rubbish Site	TransAmerican Waste, Inc.	6	IN	ACTIVE			
59	Perry	Perry Co. Rubbish Site	Perry Co. B.O.S.	8	520			8	1
60	Perry	Pine Belt Regional Rubbish Site	Pine Belt Reg. SWMA	11	INACTIVE		36		
61	Pike	Magnolia Rubbish Site	Magnolia Landfill, LLC	4	4,329			3	0.8
62	Ponotoc	RES Rubbish Site (Woodland)	Resourceful Env. Services, Inc.	25	11,171			31	18
63	Prentiss	Prentiss Co. Rubbish Site	Prentiss Co. B.O.S.	10	8,692			10	10
64	Quitman	MLO Rubbish Site	MS Landfill Operations, LLC	4	INACTIVE				
65	Rankin	Mt. Helms Road Rubbish Site	Southern Env. Group Inc.	50	20,685			17	40
66	Rankin	SEA-1 Rubbish Site	Southern Env. Assoc. Inc.	11	2,860			7	2
67	Scott	Morton Rubbish Site	City of Morton	4	IN	ACTIVE			2.6
68	Sharkey	Sharkey Co. Rubbish Site	Sharkey Co. B.O.S	3	4,307			12	1.2
69	Simpson	SCRSWMA Rubbish Site	South Central Reg. SWMA	2	4,476			3	0.4
70	Smith	Houston Resources Rubbish Site	Houston Resources, LLC	14	110			62	
71	Sunflower	RES Rubbish Site (Ruleville)	Resourceful Env. Services, Inc.	25	3,477			37	24
72	Tate	Tate Co. Rubbish Site	Tate Co. B.O.S.	13	9,391			20	12
73	Tippah	RES Rubbish Site	Resourceful Env. Services, Inc.	72	19,448			39	41
74	Tishomingo	Belmont Homes Landfill	Belmont Homes Landfill, Inc.	35	18,000	13,830	76.83	24	8
75	Tishomingo	Tishomingo Co. Rubbish Site	Tishomingo Co. B.O.S	20	1,095			75	6.5
76	Union	New Albany Pumkin Center	City of New Albany	47	21,534			7	
77	Warren	Warren Co. Landfill Rub. Site	Vicksburg Warren Co. L'fll	10	12,986			16	6
78	Warren	Warren Co. Waste Control	River City Roll-Offs, LLC	23	99	45	45.45	50	
79	Washington	LMI Rubbish Site	Landfill Mgt., Inc.	54	30,363			75	
80	Winston	Louisville Emergency Rubbish Site	City of Louisville	7	30,510				
81	Wayne	Waynesboro Landfill 2	City of Waynesboro	11	5,543			29	10
82	Yalobusha	Yalobusha Co. Rubbish Site	Yalobusha Co. B.O.S.	10	595				9
83	Yazoo	Yazoo City Rubbish Pit	City of Yazoo City	36	1,427				

Total 1,139,251 58,022 5.09

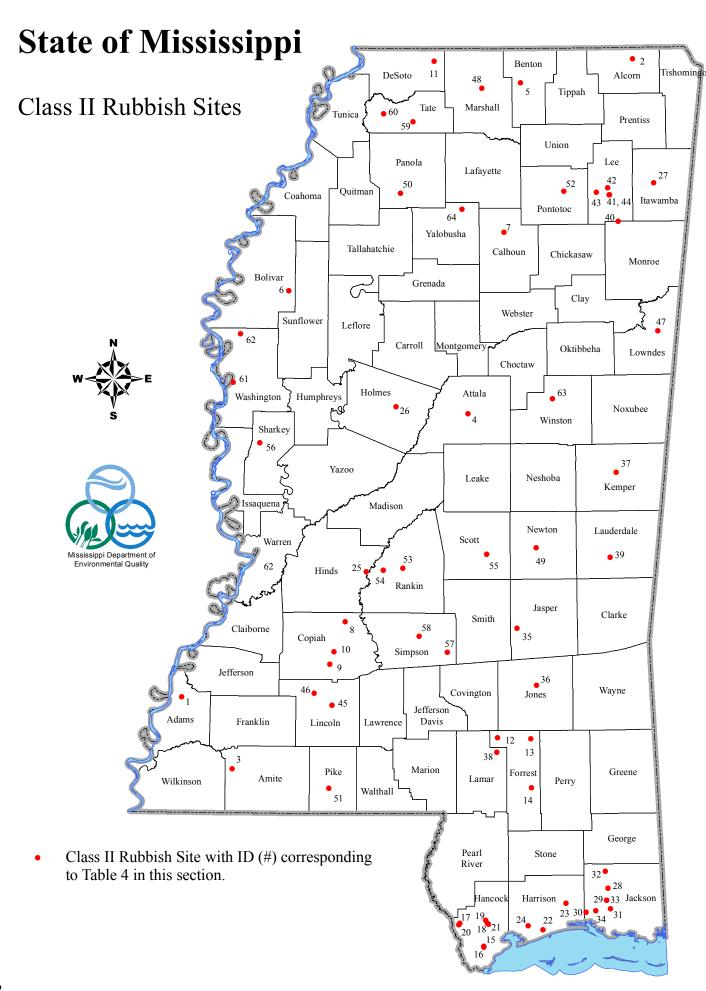


TABLE 4
Disposal Information on Permitted Class II Rubbish Sites
Calendar Year 2014

<b>(I)</b>	(II)	(III)	( IV )	(V)	( <b>VI</b> )	( VII	()	(V	III)
ID	County	Name of Facility	Owner	Permitted	<b>Total Waste</b>	Out of S		110111111111111111111111111111111111111	
	County	1 (41110 01 1 401110)	0 11 1101	Acreage	Received	Waste Re			
1	Adams	Foster Mound Rubbish Site	Adams Co. B.O.S.	1	tons/year 438	tons/year	%	years 7	acres
2	Alcorn	Corinth Rubbish Site		12	3,960			13	8
3	Amite		City of Corinth  Town of Gloster	3				13	3
4	Attalla	Town of Gloster Rubbish Site	City of Kosciusko	21	31			10	4
5	Benton	Kosciusko Rubbish Site	Town of Snow Lake Shores	5	200			18	5
		Snow Lake Shores Rubbish Site		8	11			16	3
6	Bolivar	Joe Reed Rubbish Site	Joe Reed and Co, Inc.		100			2	
7	Calhoun	Bruce Rubbish Site	City of Bruce	10	25	A CTIVE		2	8
8	Copiah	Copiah Co. (Crystal Springs)	Copiah Co. B.O.S.	2		ACTIVE		2	1
9	Copiah	Copiah Co. (Martinsville)	Copiah Co. B.O.S.	1	INACTIVE		5	2	
10	Copiah	Hazlehurst Rubbish Site	City of Hazlehurst	5	1,050				
11	DeSoto	Railroad Ave. Disposal	Railroad Ave. Disposal, LLC	9	118				
12	Forrest	Beat 2 Rubbish Site	Forrest Co. B.O.S.	18		ACTIVE		2	2
13	Forrest	Barrontown (Beat 3) Rubbish Site	Forrest Co. B.O.S.	26	3,232			1	1
14	Forrest	McLaurin (Beat 4) Rubbish Site	Forrest Co. B.O.S.	3	1,326			2	1
15	Hancock	Bayou La Croix Rubbish Site	Melisa Hardie	10	IN.	INACTIVE			10
16	Hancock	Boudin Rubbish Site	Boudin Envir. Services, LLC	40	1,480			25	
17	Hancock	Frierson Rubbish Site	Houston Frierson Jr.	24	IN.	ACTIVE			23
18	Hancock	Henley Pit #1 Rubbish Site	Charles Henley	17	148				
19	Hancock	Henley Pit #2 Rubbish Site	Charles Henley	9	INACTIVE			9	
20	Hancock	Phillips 607 Rubbish Pit	Phillips Trucking Co.	8	DID No	OT REPORT			
21	Hancock	Prince J. Ladner Rubbish Site	Prince J. Ladner Partnership	17	340			12	11
22	Harrison	Canal Road Rubbish Site	City of Gulfport	6	8,935			39	
23	Harrison	D.W. Lamey Rubbish Site	D.W. Lamey Fill & Trucking	40	2,170			40	27
24	Harrison	Ray Rubbish Site	Dan Ray Const. Co.	8	360			2	6
25	Hinds	APAC Meter Rd. Rubbish Site	APAC Mississippi, Inc.	7	105			5	3
26	Holmes	Lexington Rubbish Site	City of Lexington	1	172			18	
27	Itawamba	Fulton Rubbish Site	City of Fulton	7	2,544			2	2
28	Jackson	Henze Rubbish Site	Henze Enterprises, Inc.	17	213			14	12
29	Jackson	John Ward Rubbish Site	John Ward	28	2,844			20	28
30	Jackson	Lamey Pit Rubbish Site	Mabelle Lamey	17	1,754			10	
31	Jackson	Mallette Bros. Rubbish Site	Mallette Bros. Const. Co.	19	7,330			7	2
32	Jackson	Schoolhouse Rd. Rubbish Site	Jackson Co. B.O.S.	14	844			30	
33	Jackson	SEB Mines Rubbish Site	SEB Mines Co.	5	556				5
34	Jackson	West Jackson Co. (Seaman Rd.)	Jackson Co. B.O.S.	22	IN.	ACTIVE			20
35	Jasper	Bay Springs Rubbish Site	City of Bay Springs	5	150			9	2
36	Jones	Laurel Rubbish Site	City of Laurel	27	4,013			30	
37	Kemper	DeKalb Rubbish Site	Town of DeKalb	4	150			23	2
38	Lamar	Hover Gravel Rubbish Site	Hover Gravel Co.	30	675				
39	Lauderdale	Waste Pro Meridian I Rubbish Site	Waste Pro Meridian L'fill I, LLC	12		ACTIVE			2
40	Lee	Nettleton Rub. Site No.1	Town of Nettleton	7	315			25	5
41	Lee	Red Oak Wood Waste/Recycling	City of Tupelo	10		ACTIVE		-	10

TABLE 4
Disposal Information on Permitted Class II Rubbish Sites
Calendar Year 2014

<b>(I)</b>	(II)	( <b>III</b> )	( IV )	(V)	(VI)	(VII	/	(V)	III)
ID	County	Name of Facility	Owner	Permitted	Total Waste	Out of S		Est. Life	
		•		Acreage	Received tons/year	Waste Rec	ceivea %	vears	aining acres
42	Lee	Tupelo CDF Rubbish Site	City of Tupelo	29	2,898	tolis, y cui	70	5	15
43	Lee	Tupelo Water & Light West	City of Tupelo	3	1,874				
44	Lee	Tupelo Water & Light Wondura	City of Tupelo	10	34,475			30	8.6
45	Lincoln	Brookhaven Rubbish Site	City of Brookhaven	5	IN.	ACTIVE			3
46	Lincoln	Oddee Smith Rubbish Site	Odee Smith & Sons, Inc.	1	75			5	
47	Lowndes	Phillips Develop. Rubbish Site	Phillips Development, LLC	5	189			5	3
48	Marshall	Marshall Co. Rubbish Site	Marshall Co. B.O.S.	3	1,989			1	
49	Newton	Newton Co. Rubbish Site	Newton Co. B.O.S.	2	256			7	2
50	Panola	Heafner Rubbish Site	City of Batesville	2	2,249			1	
51	Pike	Magnolia Rubbish Site	Bruce Williams	4	2,809			5	1
52	Pontotoc	Pontotoc Rubbish Site	City of Pontotoc	10	936			7	2
53	Rankin	Brandon Rubbish Site	City of Brandon	2	763			20	1
54	Rankin	Pearl Rubbish Site	City of Pearl	10	8,481			16	
55	Scott	Forest Rubbish Site	City of Forest	11	129			15	
56	Sharkey	Sharkey Co. Rubbish Site	Sharkey Co. BOS	8	1,634			64	6
57	Simpson	Magee Rubbish Site	City of Magee	9	2,648			8	3
58	Simpson	Mendenhall Rubbish Site	City of Mendenhall	6	820			5	5
59	Tate	Senatobia Rubbish Landfill	City of Senatobia	5	181			20	3
60	Tate	Tate Co. Rubbish Site	Tate Co. B.O.S.	20	378			20	12
61	Washington	Avis Rubbish Site	Jim Avis	15	600			25	15
62	Washington	Branco Rubbish Site	Nolan Branton	43	INACTIVE				
63	Winston	Louisville Rubbish Site	City of Louisville	4	29,103			28	1.5
64	Yalobusha	Water Valley (Foxx) Rub. Site	City of Water Valley	6	315			5	5

Total 138,391 0 0.00

## 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 2014. According to the submitted annual reports, the 15 active landfills disposed of a total of 2,307,002 tons of solid waste (5 landfills were inactive and 2 active landfills reported the total disposal tonnage as confidential business information\*\*).

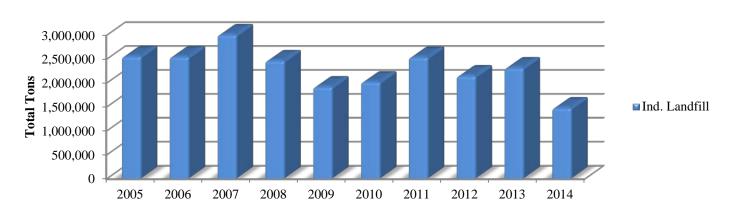
The annual report on the solid waste disposal activities conducted at each industrial and institutional landfill is required by the individual facility permit conditions. This report contains a summary report on the disposal activities conducted at landfills in Mississippi during Calendar Year 2014. 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 2014 for industrial and institutional landfills. The information is listed alphabetically by the County in which the facility is located.

## <u>Industrial and Institutional Landfill Disposal Trends</u>

Data in this report indicates that during 2014, industrial and institutional landfills received 837,239 tons less solid waste for disposal than during Calendar Year 2013 (see Figure 12).

## FIGURE 12



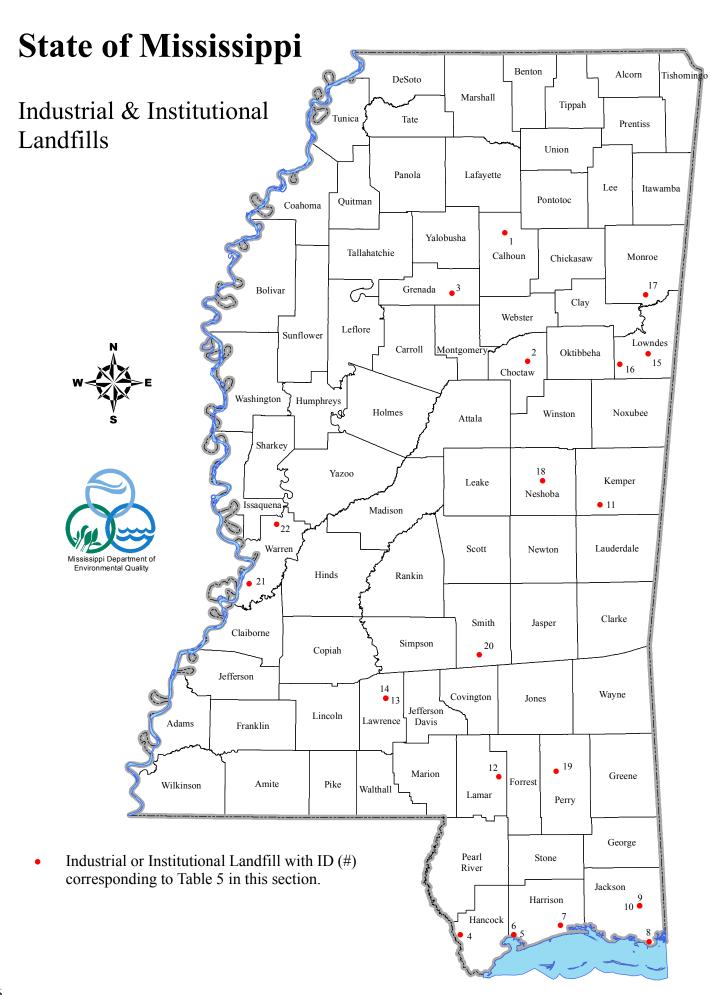


TABLE 5
Disposal Information on Industrial and Industrial Landfills
Calendar Year 2014

<b>(I)</b>	(II)	(III)	( <b>IV</b> )	(V)	( <b>VI</b> )	(VII)
ID	County	Name of Facility	Owner	Permitted Acreage	Total Waste Received tons/year	Est. Life Remaining years
1	Calhoun	Weyerhaeuser Landfill (Bruce)	Weyerhaeuser NR Co.	2	INACTIVE	
2	Choctaw	Red Hills AMU	Choctaw Generation LP	90	14,815	30
3	Grenada	Hankins Lumber Landfill	Hankins Lumber Co. Inc.	12	INACTIVE	
4	Hancock	Stennis Space Center Landfill	NASA	14	683	24
5	Harrison	<b>DuPont DeLisle Plant WDUs</b>	Dupont	156	CBI**	
6	Harrison	<b>DuPont WDU 21, 22, and 23</b>	Dupont	40	CBI**	
7	Harrison	Plant Watson AMU	MS Power Company	79	33,526	0
8	Jackson	Phosphogypsum Stack #2	MS Phosphates Corp.	263	1,210,391	17
9	Jackson	Plant Daniel AMU (North)	MS Power Company	46	45,072	33
10	Jackson	Plant Daniel Gypsum Storage	MS Power Company	36	INACTIVE	10
11	Kemper	Plant Ratcliff Gasification AMU	MS Power Company	52	INACTIVE	5
12	Lamar	R.D. Morrow Plant CCB Landfill	South MS Power Assn.	72	20,999	12
13	Lawrence	GP Monticello Ash Landfill	Georgia Pacific Corp.	30	81,548	0
14	Lawrence	GP Monticello Operations Landfill	Georgia Pacific Corp.	19	10,571	0
15	Lowndes	Columbus Mill Landfill	Weyerhaeuser NR Co.	60	6,963	14
16	Lowndes	Holcim CKD Disposal Site	Holcim (US), Inc.	15	INACTIVE	
17	Monroe	Tronox Hamilton Landfill	Tronox, LLC	6	7,090	1
18	Neshoba	Weyerhaeuser Landfill (Philadelphia)	Weyerhaeuser NR Co.	5	1,475	20
19	Perry	Leaf River Cellulose Landfill	Leaf River Cellulose, LLC	15	10,272	67
20	Smith	GP Taylorsville Plywood Landfill	Georgia Pacific Corp.		3,426	18
21	Warren	Cappaert Landfill	Cappaert Mfd. Housing Inc.	37	17	20
22	Warren	IP Vicksburg Mill AMU	International Paper	6	22,915	4

Total 1,469,763

<sup>\*\*</sup>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 9 active industrial rubbish sites disposed of a total of 14,211 tons of solid wastes (6 rubbish sites were inactive).

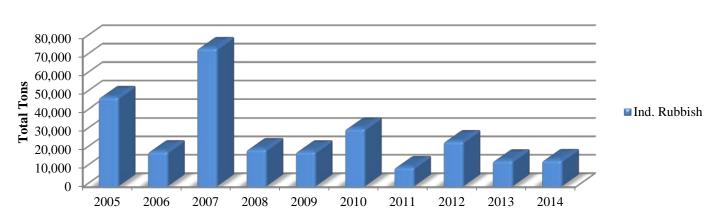
The annual report on the solid waste disposal activity conducted at each rubbish site is required by Rule 1.6.E(17) of the Mississippi Nonhazardous Solid Waste Management Regulations, ACT 7.S-1 of Statewide General Permit No. SWGP-R1 for Class I rubbish sites, ACT 7.S-1 of Statewide General Permit No. 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:

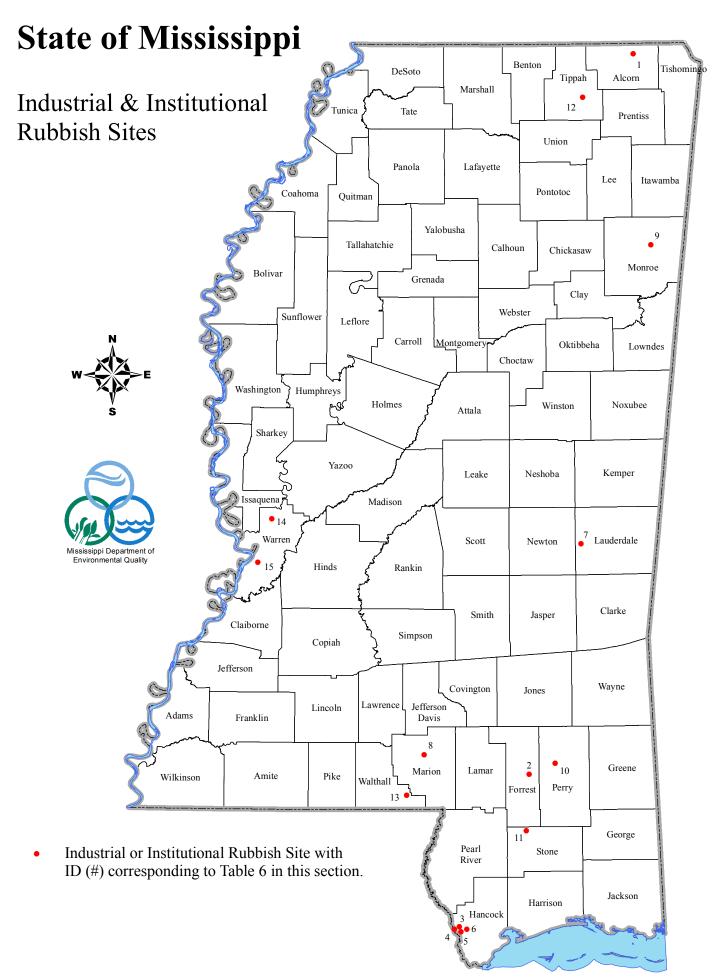
- 1. A state map showing the locations of industrial and institutional rubbish sites; and
- 2. A summary of the information provided by the rubbish site owners in the individual annual reports for Calendar Year 2014 for all non-commercial rubbish sites. The information is listed alphabetically by the County in which the facility is located.

#### Industrial and Institutional Rubbish Disposal Trends

Data in this report indicates that during 2014, industrial and institutional rubbish sites received 218 tons more solid waste for disposal than during Calendar Year 2013 (see Figure 13).

#### FIGURE 13





<u>TABLE 6</u>
Disposal Information on Industrial and Institutional Rubbish Sites
Calendar Year 2014

<b>(I)</b>	(II)	( III )	( <b>IV</b> )	(V)	( VI )	( <b>V</b>	II)
ID	County	Name of Facility	Owner	Type	Total Waste Received	Rema	Life ining
					tons/year	years	acres
1	Alcorn	East Fifth St. Rubbish Site	East Fifth Street, LLC	Class I	INACTIVE		8
2	Forrest	Camp Shelby Andrews Rd. Facility	Camp Shelby Training Site, MMD	Class II	717	10	3
3	Hancock	Stennis Space Center C&D Site	NASA	Class II	60		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		44
8	Marion	Columbia Chip Rubbish Site	Columbia Chip L.P.	Class II	52	7	2
9	Monroe	FFM Rubbish Site	Furniture Frame Manufacturers	Class II	500	44	5
10	Perry	Leaf River Cellulose Rubbish Site	Leaf River Cellulose, LLC	Class II	6,959	2	13
11	Stone	DeSoto Treated Mat. Rubbish Site	DeSoto Treated Materials, Inc.	Class I	145	12	5
12	Tippah	Hankins Inc. Rubbish Site	Hankins Inc.	Class I	543	26	
13	Walthall	Jones Lumber Co. Rubbish Site	Jones Lumber Co. Inc.	Class II	INACTIVE		3
14	Warren	Redwood Rubbish Site	Anderson-Tully Lumber Co.	Class II	5,196		15
15	Warren	USACE Waterways Rubbish Site	USACE Waterways Exp. Station	Class II	39	3	0

Total 14,211

# **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.

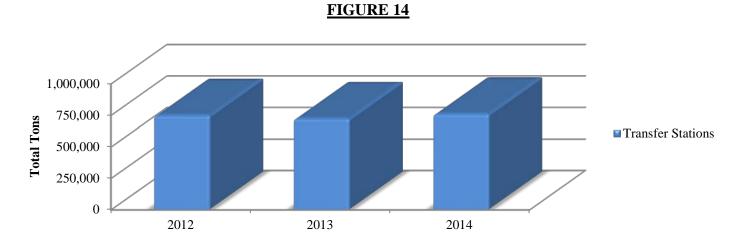
There were 36 permitted transfer stations during Calendar Year 2014. According to the submitted annual reports, the 32 active transfer stations received a total of 753,100 tons of solid wastes (4 sites were inactive).

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 2014. 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 2014 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 2014, transfer stations managed 36,435 tons more solid waste for disposal than during Calendar Year 2013 (see <u>Figure 14</u>).



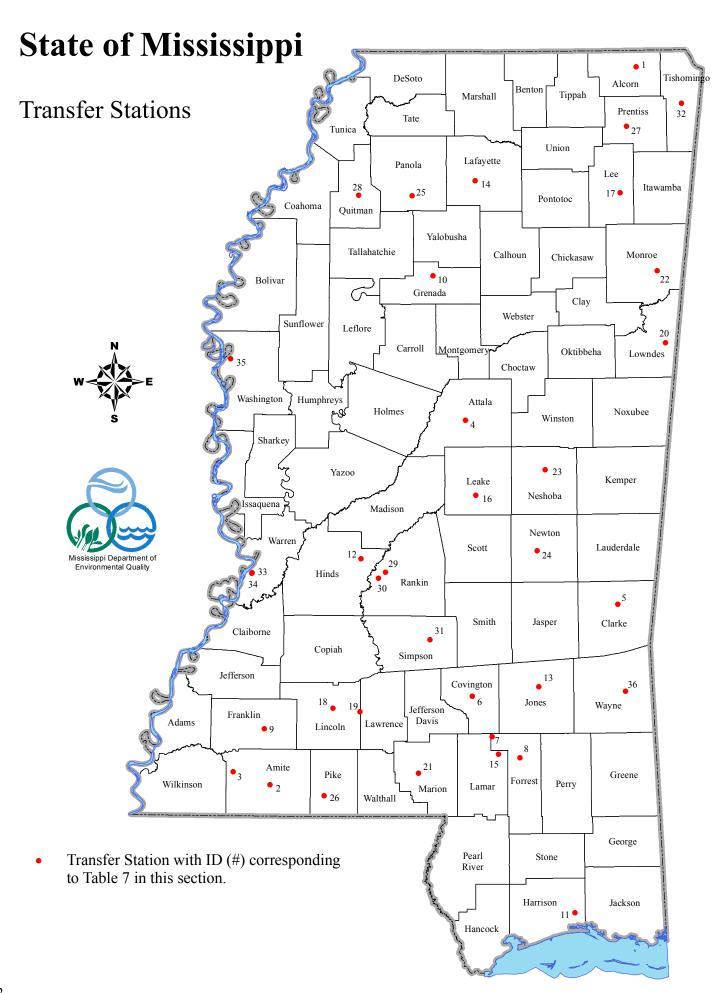


TABLE 7
Operational Information on Transfer Stations
Calendar Year 2014

<b>(I)</b>	$(\mathbf{II})$	(III)	(IV)	( <b>V</b> )	(VI)	(VII)	(VIII	)
ID	County	Name of Facility	Name of Permittee	Pemit Number	Туре	Total Waste Received	Out of State Waste Received	
						tons/year	tons/year	%
1	Alcorn	Alcorn Co./Corinth TS	Alcorn Co. B.O.S.	T1-001	MSW	50,696	125	0.25
2	Amite	Amite Co. Liberty TS	Amite Co. B.O.S.	T1-028	MSW	3,700		
3	Amite	Gloster TS	Amite Co. B.O.S.	T1-046	MSW	54		
4	Attala	Kosciusko TS	Waste Mgt. of MS, Inc.	T1-002	MSW	23,429		
5	Clarke	Clarke Co. TS	Clarke Co. B.O.S.	T1-003	MSW	4,593		
6	Covington	Covington Co. TS	Pine Belt Reg. SWMA	T1-005	MSW	11,825		
7	Forrest	BFI Forrest Co. TS	BFI Waste Services, LLC	T1-006	MSW	INA	ACTIVE	
8	Forrest	Hattiesburg TS	Pine Belt Reg. SWMA	T1-007	MSW	29,065		
9	Franklin	Franklin Co. TS	Franklin Co. B.O.S.	T1-008	MSW	1,195		
10	Grenada	WMMI Grenada TS	Waste Mgt. of MS, Inc.	T1-009	MSW	25,958		
11	Harrison	Biloxi TS	ADS Biloxi TS, LLC	SW0240060455	MSW	10,423		
12	Hinds	Jackson TS	Trash Hunters, Inc. (USA Waste)	T1-010	MSW	206,148	2,363	1.15
13	Jones	Laurel TS	Pine Belt Reg. SWMA	T1-040	MSW	34,901		
14	Lafayette	Lafayette Co./Oxford TS	Three Rivers Reg. SWMA	T1-012	MSW	31,585		
15	Lamar	Hattiesburg TS	Trashhunters, Inc.	T1-035	MSW	26,370		
16	Leake	Leake Co. TS	Leake Co. B.O.S.	T1-033	MSW	4,438		
17	Lee	Lee Co./Tupelo TS	Three Rivers Reg. SWMA	T1-013	MSW	50,125		
18	Lincoln	Brookhaven TS	City of Brookhaven	T1-014	MSW	36,239	13	0.04
19	Lincoln	DisposeAll Medical Waste TS	DisposeAll, LLC	SW0430060523	Medical	INA	ACTIVE	
20	Lowndes	Columbus TS	Golden Triangle Reg. SWMA	T1-015	MSW	INA	ACTIVE	
21	Marion	Columbia TS	City of Columbia	T1-016	MSW	9,250		
22	Monroe	Monroe Co. TS	Three Rivers Reg. SWMA	T1-017	MSW	19,267		
23	Neshoba	Neshoba Co. TS	Neshoba Co. B.O.S.	T1-018	MSW	915		
24	Newton	Newton Co. TS	Newton Co. B.O.S.	T1-019	MSW	3,193		
25	Panola	Panola Co. TS	Panola Co. B.O.S.	T1-036	MSW	18,089		
26	Pike	WMMI Pike Co. TS	Waste Mgt. of MS, Inc.	T1-021	MSW	34,669		0.00
27	Prentiss	Prentiss Co. TS	Prentiss Co. B.O.S.	T1-029	MSW	9,353		
28	Quitman	BFI Quitman Co. TS	BFI Waste Services, LLC	T1-022	MSW	29,716		
29	Rankin	Pearl TS	City of Pearl	T1-030	MSW	2,420		
30	Rankin	Stericycle Medical Waste TS	Stericycle, Inc.	SW0610060476	Medical	INA	ACTIVE	,
31	Simpson	Simpson Co. TS	Simpson Co. B.O.S.	T1-031	MSW	5,954		
32	Tishomingo	Tishomingo Co. TS	Tishomingo Co. B.O.S.	T1-004	MSW	6,425		
33	Warren	Riverbend TS	Riverbend Env. Services, LLC	T1-043	MSW	13,556		
34	Warren	Vicksburg TS	Waste Mgt. of MS, Inc.	T1-025	MSW	34,883		0.00
35	Washington	Greenville TS	City of Greenville	T1-026	MSW	10,922		
36	Wayne	Wayne Co. TS	Wayne Co. B.O.S.	T1-027	MSW	3,744		

Total 753,100 2,501 0.33

## 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 31 permitted land application sites during Calendar Year 2014. According to the submitted annual reports, the 12 active land application sites applied a total of 19,122 dry tons of solid waste (18 sites were inactive). The active land application sites applied 17,087 dry tons (77.15%) of municipal wastewater sludge (biosolids) and 5,062 dry tons (22.85%) 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 2014. The report includes the following information:

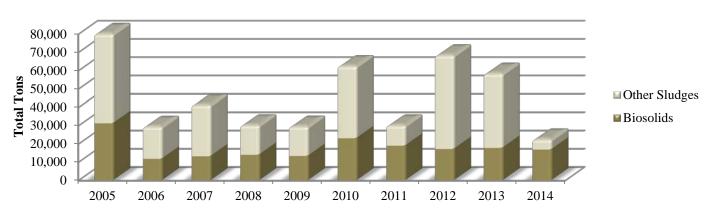
- 1. A state map showing counties where land application sites are permitted; and
- 2. A summary of operational information contained in the individual annual reports for Calendar Year 2014 for land application sites. The information is listed alphabetically by the County in which the site is located.

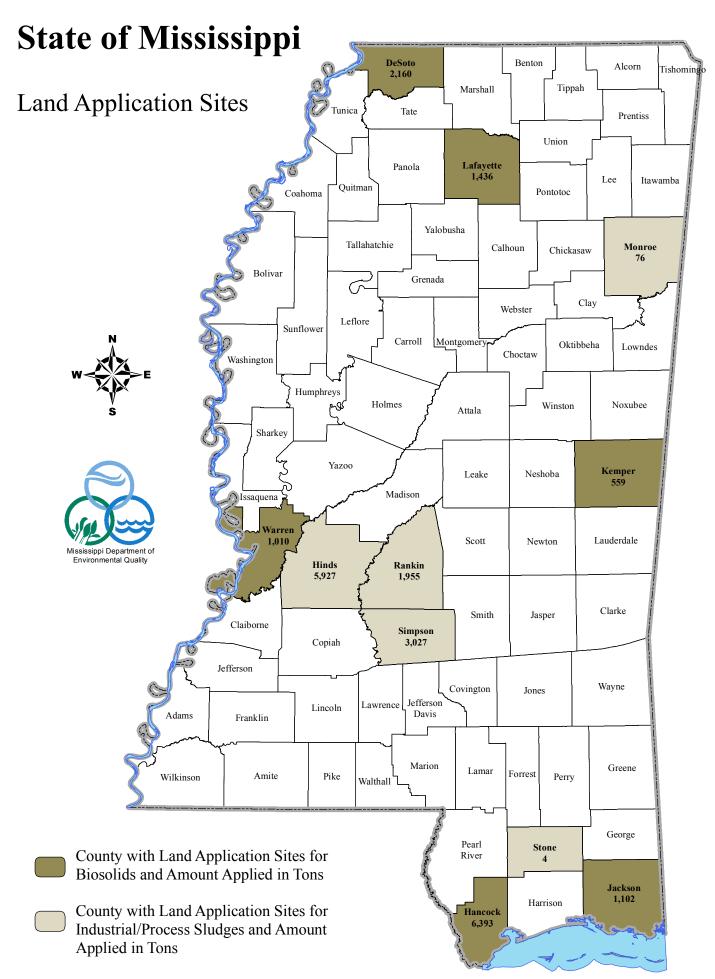
This section of the report does not include information on those materials land applied as soil amendments under the MDEQ beneficial use determination program (see page 64).

#### Land Application Trends

Data in this report indicates that during 2014, land application sites received 35,866 tons less solid waste than during Calendar Year 2013 (see <u>Figure 15</u>).







<u>TABLE 8</u> Operational Information on Land Application Sites Calendar Year 2014

(I)	(II)	(III)	(IV)	(V)	(VI)	(VII)
Pemit Number	County	Name of Facility	Name of Permittee	Permitted Acerage	Type of Waste Applied	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	2,160
SW0230030364	Hancock	Breaux Landfarm	Breaux Services, Inc.	1,096	Biosolids	6,393
SW0250030468	Hinds	Berry Property	City of Jackson	245	Biosolids	2,322
SW0250030493	Hinds	Holmes Property	City of Jackson	382	Biosolids	INACTIVE
SW0250030464	Hinds	Jackson Biosolids Facility	City of Jackson	495	Biosolids	INACTIVE
SW02501A0005	Hinds	Jackson Land App. Site (Byram)	City of Jackson	513	Biosolids	2,105
SW0250030485	Hinds	Mason Property	City of Jackson	65	Biosolids	INACTIVE
SW0250030528	Hinds	Sullivan Property	City of Jackson	250	Biosolids	INACTIVE
SW0250030539	Hinds	Thomas Property	City of Jackson	306	Biosolids	INACTIVE
SW0250030486	Hinds	Varnado Property	City of Jackson	63	Biosolids	INACTIVE
SW0300030411	Jackson	West Jackson Co. Land App. Site	MS Gulf Coast Reg. WW Auth.	160	Biosolids	1,102
SW0350030431	Kemper	Breaux Kemper Co. Landfarm	Breaux Services, Inc.	516	Biosolids	559
SW0360030558	Lafayette	Oxford Land App. Site	City of Oxford	347	Biosolids	1,436
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	Matijevich 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
SW0430030534	Lincoln	Brookhaven Land App. Facility	City of Brookhaven	17	Biosolids	INACTIVE
	Monroe	Axiall Land App. Fac.	Axiall, LLC	4	Iron Sludge	76
SW0560030348	Perry	Leaf River Cellulose Land App. Fac.	Leaf River Cellulose, LLC	49,634	Ash/Paper Sludge	INACTIVE
SW0610030525	Rankin	McLauren, et al. Land App. Site	Terra Renewal Services, Inc	1,227	Poultry Sludges	INACTIVE
SW0610030541	Rankin	Rankin Co. Land App. Sites	Terra Renewal Services, Inc	1,409	Poultry Sludges	1,240
SW0610030470	Rankin	TRS Land App. Sites	Terra Renewal Services, Inc	1,599	Poultry Sludges	715
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	919	Poultry Sludges	3,027
SW0660030510	Stone	Desoto Treated Mat. Land App. Fac.	Desoto Treated Materials, Inc.	10	Wood Ash	4
SW0750030473	Warren	Vicksburg Bioslids App. Fac.	City of Vicksburg	1,264	Biosolids	1,010
SW0760030531	Washington	Greenville Land App. Site	City of Greenville	272	Biosolids	INACTIVE

Total	22,149
Total Biosolids	17,087
Total Other Sludges	5,062

56

# **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.

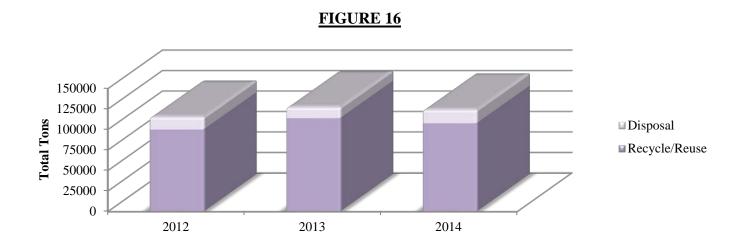
There were 9 permitted processing facilities during Calendar Year 2014. According to the submitted annual reports, the 6 active processing facilities received a total of approximately 123,387 tons of material (3 sites were inactive). The active processing facilities managed 107,716 tons (87.30%) of the waste received for recycling or reuse purposes and 15,671 tons (12.70%) of the waste was managed for disposal.

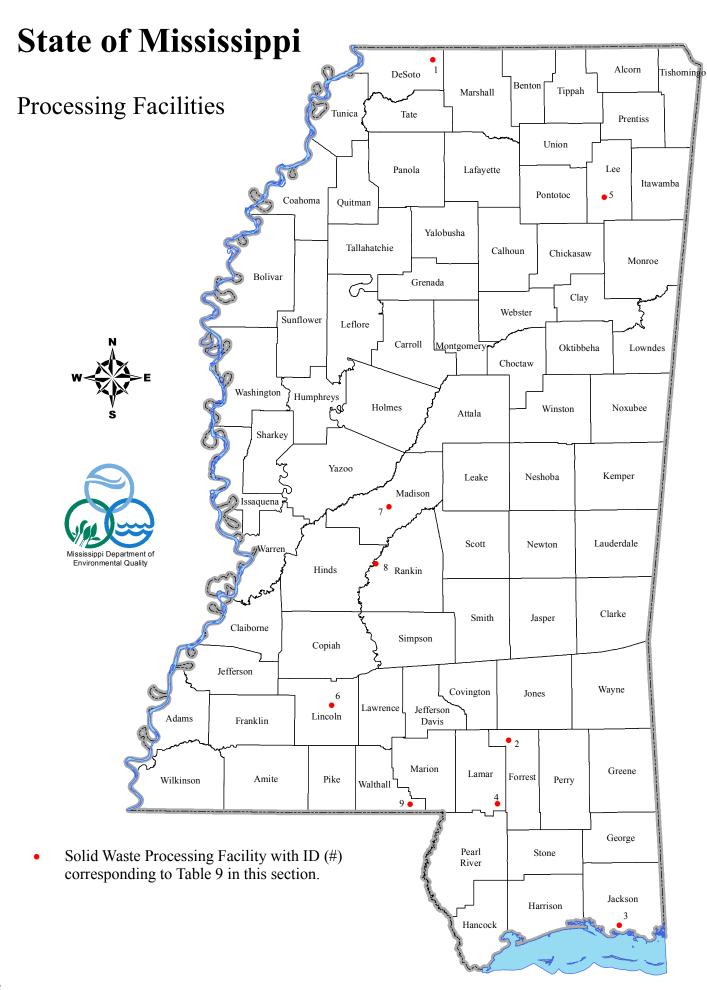
An annual report on activities conducted at each processing facility is required by Mississippi Code Annotated §17-17-219 and by the individual facility permit conditions. This report contains summary information on the activities conducted at the permitted processing facilities in Mississippi during Calendar Year 2014. 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 2014 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 2014, processing facilities received 3,046 tons less solid waste than during Calendar Year 2013 (see <u>Figure 16</u>).





<u>TABLE 9</u>
Operational Information on Processing Facilities
Calendar Year 2014

(I)	(II) County	( III )  Name of Facility	( IV )  Name of Permittee	( V)	( VI ) End Use	( VII ) Total Waste Received	Out of S Waste Rec	State
						tons/year	tons/year	%
1	DeSoto	Sims Bark Company	Sims Bark Company, Inc.	Wood Wastes, Ash	Recycling/Reuse	17,773	4,979	28.01
2	Forrest	CleanEarth Medical Waste	CleanEarth, Inc.	Medical Wastes	Disposal	1,056	177	16.76
3	Jackson	Applewhite Industries	Applewhite Industries, Inc.	Industrial Rubbish	Both	10,865		
4	Lamar	Rolloff Recycling Center	Rolloff Recycling Center, LLC	Commercial Rubbish	Both	1,186		
5	Lee	Century Rubbish Processing	Century Construction & Realty Co.	Const/Demo Materials	Recycling/Reuse	INA	ACTIVE	
6	Lincoln	Phillips Bark Processing	Phillips Bark Processing Co., Inc.	Wood/Poultry Litter/Ash	Recycling/Reuse	88,420	2,374	2.68
7	Madison	Stericycle Canton	Stericycle, Inc.	Medical Wastes	Disposal	4,087	993	24.30
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	INA	ACTIVE	

|--|

Total Reuse 107,716
Total Disposal 15,671

## **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 promotes and encourages 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.

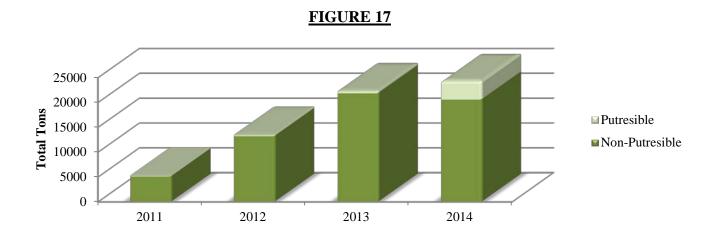
There were 17 permitted or authorized composting facilities operating during Calendar Year 2014. According to the submitted annual reports, these composting facilities received a total of approximately 24,226 tons of organic materials. The active composting facilities managing only non-putrescible wastes such as vegetative debris and untreated wood wastes received 20,956 tons (85.01%) of waste, and sites that managed both putrescible wastes such as food wastes and animal manures and non-putrescible wastes received 3,630 tons (14.99%) of waste. These composting facilities also reported producing almost 7,300 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 2014. 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 2014 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 2014, composting facilities received 1968 tons more solid waste than during Calendar Year 2013 (see <u>Figure 17</u>).



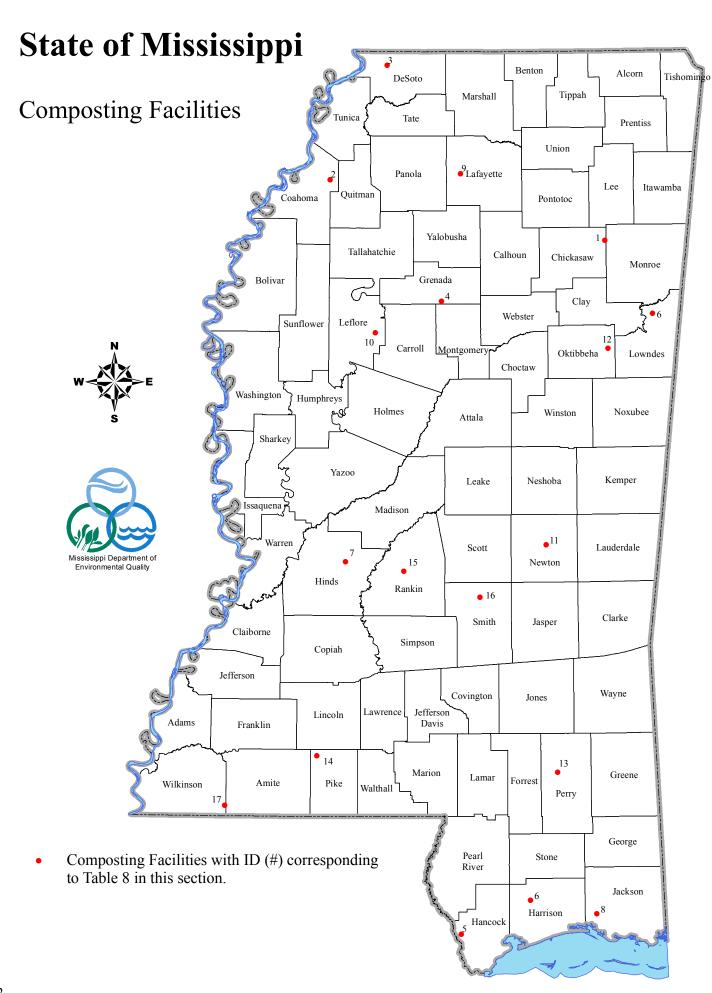


TABLE 10
Operational Information on Composting Facilities
Calendar Year 2014

<b>(I)</b>	(II)	( III )	( IV )	( <b>V</b> )	( <b>VI</b> )	(VII)
ID	County	Name of Facility	Name of Permittee	Pemit Number	Type of Facility	Total Materials Received (tons/year*)
1	Chickasaw	Okolona Composting Facility	City of Okalona	Authorized	Non-Putrescible	20
2	Coahoma	Clutter to Compost	Trinity Dev. Found., Inc.	Authorized	Putrescible	INACTIVE
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	214
5	Hancock	Stennis Composting Facility	NASA	Authorized	Putrescible	814
6	Harrison	Heavn's Best Compost	Del Banowetz	Authorized	Putrescible	450
7	Hinds	Clinton SW Compost Facility	City of Clinton	C1-006	Non-Putrescible	INACTIVE
8	Jackson	West Jackson Co. Compost Site	Jackson Co. B.O.S.	C1-008	Non-Putrescible	18,731
9	Lafayette	UM Composting Facility	University of Mississippi	Authorized	Putrescible	10
10	Leflore	Greenwood Composting Site	City of Greenwood	Authorized	Non-Putrescible	INACTIVE
11	Newton	Decatur Mulch/Chip/Compost Site	Town of Decatur	Authorized	Non-Putrescible	611
12	Oktibbeha	Blackjack Composting	Robert Raymond	Authorized	Putrescible	INACTIVE
13	Perry	Leaf River Cellulose Composting	Leaf River Cellulose, LLC	Authorized	Putrescible	2,347
14	Pike	The Dirt Store	Williamson Nursery	Authorized	Non-Putrescible	140
15	Rankin	Brandon Compost Site	City of Brandon	C1-001	Non-Putrescible	880
16	Smith	Currie's Organic Poultry Compost	William Larry Currie	Authorized	Putrescible	9
17	Wilkinson	Centreville Composting Facility	Town of Centreville	Authorized	Non-Putrescible	DID NOT REPORT

Total 24,226

Total Non-Putrescible 20,596
Total Putrescible 3,630

<sup>\*</sup>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 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 58 approved BUDs in Mississippi during Calendar Year 2014. According to the annual reports submitted, 38 BUD holders distributed a total of 731,956 tons of byproducts including lime mud, wood ash, coal ash, gypsum, calcium carbonate, dewatered fiber sludges, and exceptional quality class A biosolids for construction or soil amendment purposes. Construction related projects utilized 659,853 tons (90.15%) of material and soil amendment applications utilized 72,103 tons (9.85%) 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 2014. The information is listed numerically by the BUD tracking number.

#### Beneficial Use Trends

Data in this report indicates that during 2014, Mississippi BUD holders used 120,938 tons less by-products than during Calendar Year 2013 (see <u>Figure 18</u>).

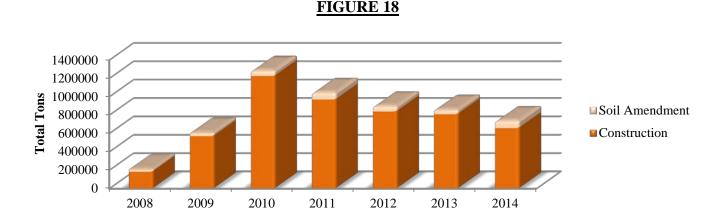


TABLE 11
Operational Information on Industrial By-Product Distribution
Calendar Year 2014

(I)	( II )	( III )	( <b>IV</b> )	( <b>V</b> )	
	(11)			Quantiy of By-Product	
Tracking	BUD Holder	By-Product Material	Use of By-Product	Material Distributed	
Number			Material	(tons/year)	
0002	Georgia Pacific, Monticello	Lime Mud	Soil Amendment	4,873	
0003	Leaf River Cellulose, LLC	Lime Mud	Soil Amendment	4,648	
0004	Georgia Pacific, Monticello	Bark and Hogged Fuel Comb. Ash	Soil Amendment	261	
0005	Georgia Pacific, Wood Products LLC	Bark and Wood Fiber By-Product	Soil Amendment	1,021	
0006	Leaf River Cellulose, LLC	Slaker Grit and Green Liquor Dregs	Soil Amendment	305	
0007	Georgia Pacific, Monticello	Bark and Hogged Fuel Comb. Ash	Soil Amendment	14	
0009	Nucor Steel - Carbide Lime	Lime Mud	Construction	INACTIVE	
0010	Beneficial Reuse Management	FGD Gypsum	Soil Amendment	4,093	
0011	Beneficial Reuse Management	FGD Gypsum	Soil Amendment	INACTIVE	
0012	Beneficial Reuse Management	FGD Gypsum	Soil Amendment	103	
0013	Beneficial Reuse Management	FGD Gypsum	Soil Amendment	3	
0014	Jones Lumber Co.	Lime Substitute	Soil Amendment	INACTIVE	
0015	North American Coal-Red Hills Mine	Coal Ash	Construction	488,343	
0016	Holcim (US) Inc.	Gypsum By-Product	Soil Amendment	1,762	
0018	Tri-State Lumber Company	Wood Ash	Soil Amendment	13	
0021	Norbord Industries, Inc.	Wood Ash	Soil Amendment	6,089	
0025	LA Ash, Inc.	Coal Ash	Construction	DID NOT REPORT	
0026	Leaf River Cellulose, LLC	Wood Ash	Soil Amendment	INACTIVE	
0027	Masonite Corporation	Dewatered Fiber	Soil Amendment	INACTIVE	
0028	Masonite Corporation	Wood Ash	Soil Amendment	528	
0029	Recast Energy of Wiggins, LLC	Wood Ash	Soil Amendment	995	
0030	Bailey & Sons	Wood Ash	Soil Amendment	12,201	
0032	Southern Company	FGD Gypsum	Soil Amendment	75	
0033	American Sugar Refining, Inc.	Lime By-Product	Soil Amendment	10,198	
0034	Columbus Light and Water Department	Iron Oxide	Soil Amendment	1,100	
0035	Georgia Pacific Consumer Products LP	Lime Mud	Soil Amendment	1,734	
0036	Charah, Inc.	Coal Ash	Construction	DID NOT REPORT	
0037	Separation Technologies, LLC	Coal Ash	Construction	23,500	
0038	SEFA Group	Coal Ash	Construction	11,823	
0039	Boral Material Technologies, Inc.	Coal Ash	Construction	12,469	
0040	Lafarge North America, Inc.	Coal Ash	Construction	DID NOT REPORT	
0041	Headwaters Resources, Inc.	Coal Ash	Construction	8,546	
0042	Headwaters Resources, Inc.	Coal Ash	Construction	1,502	
0043	Headwaters Resources, Inc.	Coal Ash	Construction	21,681	
0044	Headwaters Resources, Inc.	Coal Ash	Construction	19,135	
0045	Headwaters Resources, Inc.	Coal Ash	Construction	INACTIVE	
0046	Headwaters Resources, Inc.	Coal Ash	Construction	22,012	
0047	Anderson-Tully	Wood Ash	Soil Amendment	421	
0048	Separation Technologies, LLC	Coal Ash	Construction	INACTIVE	
0049	Separation Technologies, LLC	Coal Ash	Construction	2,115	
0050	Headwaters Resources, Inc.	Coal Ash	Construction	2,545	
0051	Headwaters Resources, Inc.	Coal Ash	Construction	3,730	
0052	Headwaters Resources, Inc.	Coal Ash	Construction	37,721	
0053	Headwaters Resources, Inc.	Coal Ash	Construction	4,733	
0054	International Paper	Boiler Ash/Cinders	Soil Amendment	INACTIVE	

TABLE 11
Operational Information on Industrial By-Product Distribution
Calendar Year 2014

<b>(I)</b>	(II)	(III)	(IV)	( V) Quantiy of By-Product Material Distributed (tons/year)	
Tracking Number	BUD Holder	By-Product Material	Use of By-Product Material		
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	631	
0058	Beneficial Reuse Management	FGD Gypsum	Soil Amendment	INACTIVE	
0059	Milwaukee Metro Sewerage District	Milorganite	Soil Amendment	75	
0060	Leaf River Cellulose, LLC	Pulp Mill Clarifier Solids	Soil Amendment	20,920	
0061	City of Natchez	Exceptional Quality Biosolids	Soil Amendment	INACTIVE	
0062	City of Clinton	Exceptional Quality Biosolids	Soil Amendment	40	
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	

Total	731,956		
Total Construction Uses	659,853		
Total Soil Amendment Uses	72,103		

## WASTE TIRE MANAGEMENT

The Mississippi Waste Tire Management Program is tasked by the state legislature 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 2014.

## **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 2014, there were a total of 113 licensed waste tire haulers in Mississippi that reportedly managed a total of 5.3 million waste tires. Of the total number of haulers, 53 were commercial haulers authorized to collect waste tires from various retail tire stores, automobile salvage yards, and other waste tire generators and accounted for 98% of the waste tires collected. The remaining 60 waste tire haulers were private haulers, only transporting the waste tires they generate through their normal business operations. Haulers imported about 2.5 million waste tires into the State and transported almost 1.0 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 2014. 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 2014, these local government sites managed approximately 736,000 passenger tire equivalents (PTE's\*) and 94% of these waste tires were recycled. In 2014, there were also 4 permitted commercial waste tire collection sites that collected and managed approximately 730,000 PTE's.

#### Recycling and Disposal

In 2014, 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 4,854,303 PTE's (54,611 tons) of waste tires. Approximately 51.97% of the tires processed were imported into Mississippi from out-of-state. Of the total number of tires processed, 93% were recycled for use in rubber derived products or as a supplemental fuel source. These reports also showed that 86% of the waste tires generated and processed within Mississippi were recycled. A total of 4,530,815 PTE's were processed for recycling purposes and 323,488 PTE's were processed prior to landfill disposal.

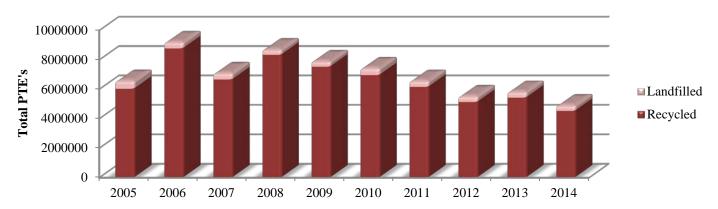
This report contains summary information on the activities conducted at the commercial waste tire processing facilities in Mississippi during Calendar Year 2014. The report includes the following information:

- 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 2014 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 2014, Mississippi waste tire processing facilities managed 915,089 less PTE's than during Calendar Year 2013 (see <u>Figure 19</u> below).

#### FIGURE 19



\*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.

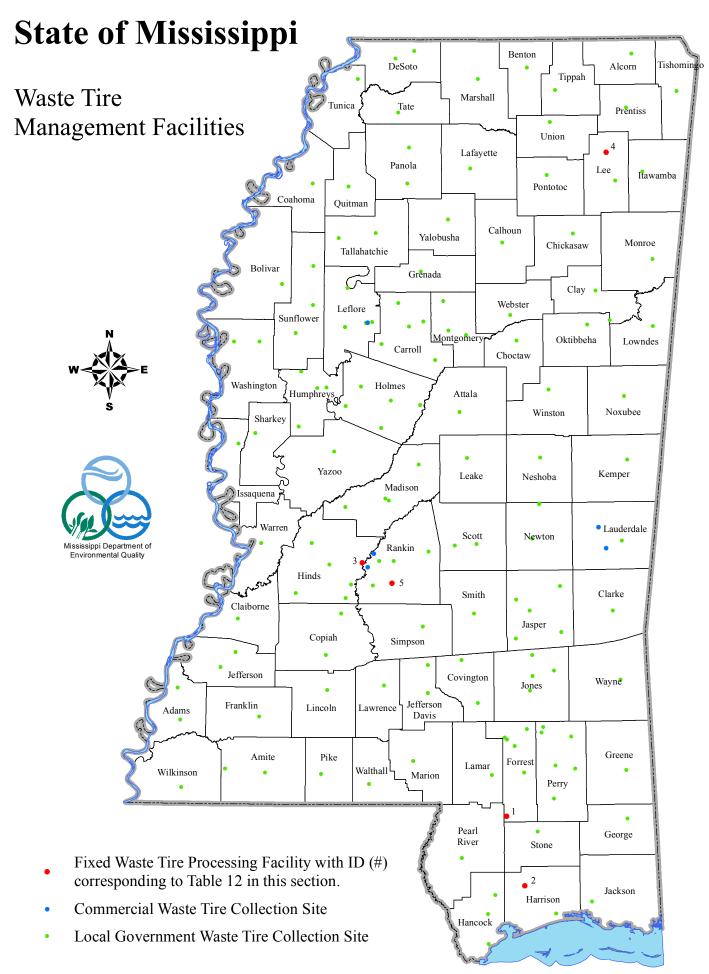


TABLE 12
Operational Information on Commercial Waste Tire Processing Facilities
Calendar Year 2014

<b>(I)</b>	(II)	( III )	(IV)	<b>(V</b> )	( <b>VI</b> )		(VII)	
ID	County	Name of Facility	Owner	Primary End- Use Market	<b>Total Tires Received</b>		Out of State Tires Received	
					PTE's	Tons	PTE's	%
1	Forrest	Fairley's Tire & Rubber Co.	Luvern Fairley	Disposal	226,523	2,548		
2	Harrison	<b>Triplett's Tire Processing</b>	George Triplett	Disposal	96,965	1,091		
3	Hinds	PolyVulc Tire Recycling	PolyVulc Tire Recycling, LLC	Crumb Rubber	623,200	7,011		
4	Lee	Liberty Tire Recycling	Liberty Tire Recycling, LLC	Tire Derived Fuel	3,904,606	43,927	2,522,713	64.61
5	Rankin	Cowboy and Cowgirl Swings	Cowboy and Cowgirl Swings, Inc.	Tire Swings	3,009	34		

Total 4,854,303 54,611 2,522,713 51.97



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