STATE OF MISSISSIPPI

STATUS REPORT ON SOLID WASTE MANAGEMENT FACILITIES AND ACTIVITIES

CALENDAR YEAR 2009



PREPARED BY:

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MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

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INTRODUCTION

The Mississippi Department of Environmental Quality (MDEQ) developed this status report to provide information on solid waste management activities that were conducted in Mississippi during Calendar Year 2009. A report on the solid waste management or disposal activities conducted at each landfill, rubbish site, and land application site in the state is required to be submitted to MDEQ by the facility owner each year. Beneficial use determination holders are also required to submit an annual report to MDEQ containing information on the distribution of industrial and other by-products for legitimate end uses. Additionally, waste tire haulers and commercial waste tire collection and processing facilities are required to annually or monthly report certain information regarding the quantities of waste tires managed. This status report provides summary information on these activities during 2009 as listed below:

Part I - Commercial Solid Waste Disposal Facilities

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

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

Part II - Non-Commercial Solid Waste Disposal Facilities

Part II of this report contains a summary report 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

Part III - Solid Waste Land Application Sites

Part III of 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.

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

Part IV of 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

Part V - Waste Tire Management

Part V of 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 provided 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 2009 has generally not been verified by the MDEQ for accuracy. For additional information on this Status Report or to review the annual reports for a specific solid waste management facility, please contact:

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 $Email: trent_jones@deq.state.ms.us$

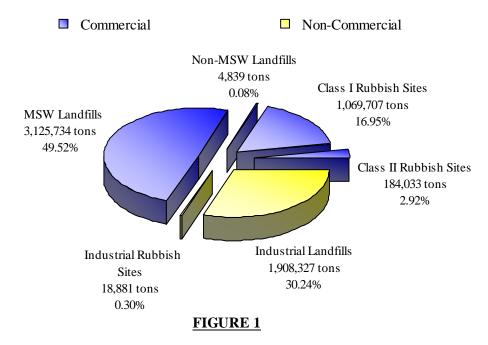
For additional information on solid waste management in Mississippi, please visit the MDEQ Solid Waste Policy, Planning & Grants Branch webpage at:

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

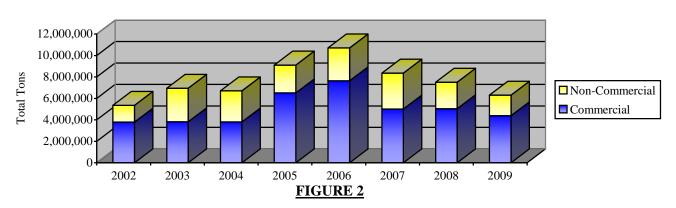
STATUS REPORT SUMMARY

Solid Waste Disposal Facilities

The annual reports indicate that a total of approximately 6,311,521 tons of solid waste was received for disposal during Calendar Year 2009 at commercial and non-commercial landfills and rubbish sites. Approximately 49.60% (3,130,573 tons) of the total waste was disposed at commercial landfills, 30.249% (1,908,327 tons) at non-commercial landfills, 19.86% (1,253,740 tons) at commercial rubbish sites, and 0.30% (18,881 tons) at non-commercial rubbish sites (see Figure 1 below).

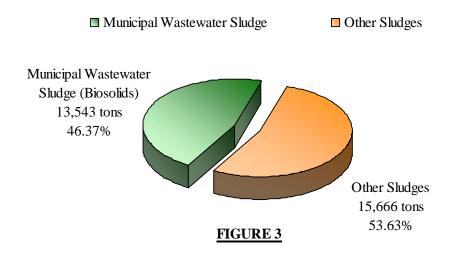


This status report also indicates that Mississippi received a total of 710,300 tons of solid waste from out-of-state sources representing approximately 11.25% of the total solid waste that was disposed during Calendar Year 2009. Commercial landfills received approximately 666,600 tons and commercial rubbish sites received approximately 43,700 tons of out-of-state waste. Overall, in 2009 Mississippi solid waste disposal facilities received approximately 1,200,723 tons less nonhazardous solid waste than during Calendar Year 2008 (see <u>Figure 2</u> below).



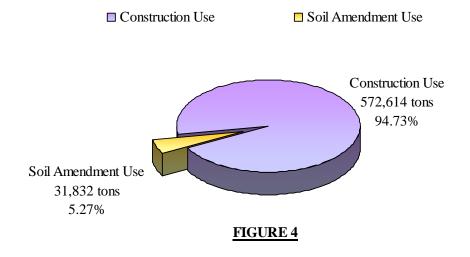
Land Application Sites

The annual reports indicate that a total of approximately 29,209 tons of solid waste was received during Calendar Year 2009 at land application sites. Approximately 46.37% (13,543 dry tons) of the total waste applied was municipal wastewater sludge (biosolids) and the remaining 53.63% (15,666 dry tons) was waste other than municipal wastewater sludge such as pulp and paper mill sludge, wood ash, and other materials (see Figure 3 below).



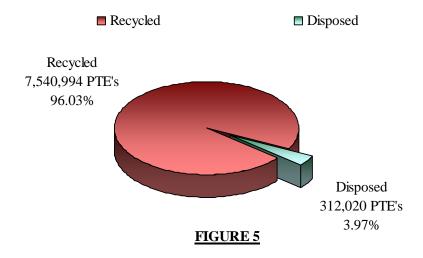
Beneficial Use Determinations

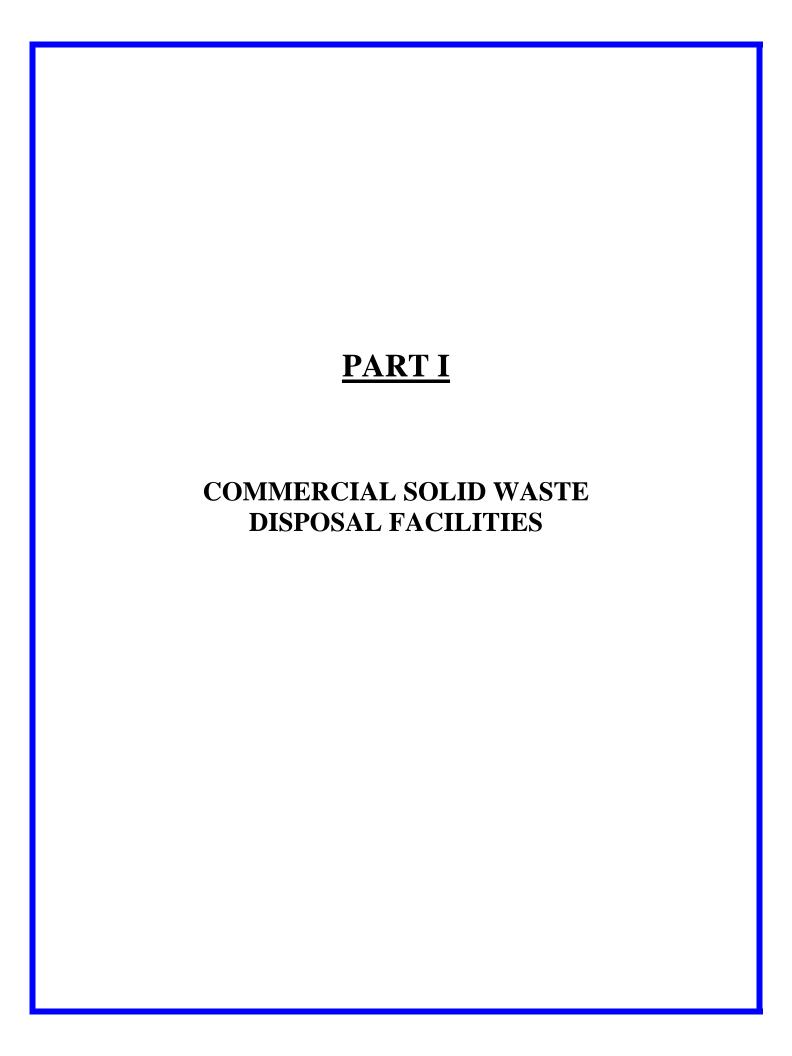
The annual reports indicate that a total of approximately 604,446 tons of solid wastes and/or by-products were distributed by Beneficial Use Determination (BUD) holders for legitimate end uses during Calendar Year 2009. Approximately 94.73% (572,614 tons) of the by-products distributed were utilized in construction related projects and the remaining 5.27% (31,832 tons) were used in soil amendment or conditioning activities (see <u>Figure 4</u> below).



Waste Tire Management Programs

The waste tire processing facility reports indicate that a total of approximately 7,853,014 PTE's (passenger tire equivalents) were managed in Mississippi during Calendar Year 2009. Approximately 96.03% (7,540,994 PTE's) of the waste tires went to processing facilities that recycle the majority of the waste tire and the remaining 3.97% (312,020 PTE's) went to processing sites that dispose of all components of the waste tire in permitted landfill disposal areas (see Figure 5 below).





Municipal Solid Waste (MSW) Landfills

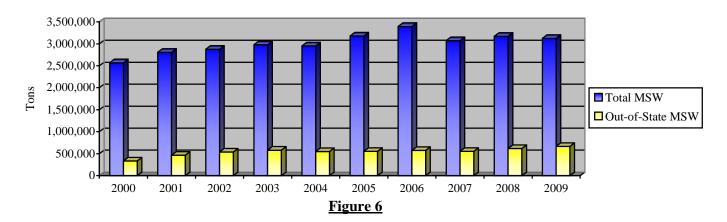
MSW Landfills are disposal facilities that are designed and constructed to receive a wide range of nonhazardous solid wastes for disposal including household garbage, commercial business wastes, nonhazardous industrial wastes, and special wastes such as asbestos or treated medical wastes. There were 19 MSW landfills that operated in the state during Calendar Year 2009. According to the annual reports submitted by the owners/operators, these landfills received a total of 3,125,734 tons of solid waste during Calendar Year 2009.

The annual report on the solid waste disposal activities conducted at each MSW landfill is required by the Mississippi Code Annotated Section 17-17-219 and Section IV.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 2009 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

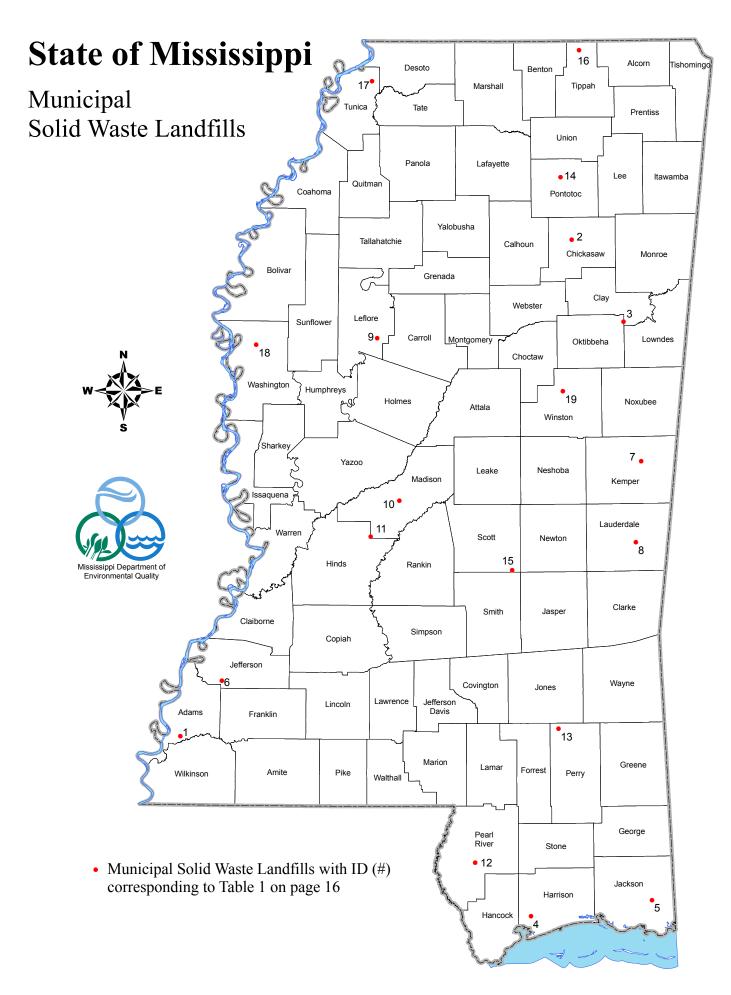
Data in this report indicates that during 2009, Mississippi MSW landfills received approximately 46,062 tons less municipal solid waste than during Calendar Year 2008 (see <u>Figure 6</u> below).



<u>Figure 7</u> below shows a comparison of the annual disposal amounts for MSW landfills from Calendar Years 2004 through 2009. Over this six year period, the average annual percent change in disposal rates was +1.33% for total MSW, +.71% for in-state MSW, and +4.05% for out-of-state MSW. The total amount of wastes disposed at MSW Landfills during Calendar Year 2009 represents a 5.76% increase over the total amount of waste received in Calendar Year 2004.

	<u>CALENDAR YEAR</u>						
MSW (tons)	2004	2005	2006	2007	2008	2009	Avg. Annual % Change
Total	2,955,590	3,179,844	3,396,747	3,073,408	3,171,796	3,125,734	1.33
In-State	2,405,179	2,626,072	2,822,148	2,521,174	2,553,238	2,459,134	0.71
Out-of-State	550,411	553,772	574,599	552,251	618,557	666,600	4.05

FIGURE 7



<u>TABLE 1</u>
Disposal Information on Municipal Solid Waste Landfills
Calendar Year 2009

(I)	(II)	(III)	(IV)	(V)	(VI)		(VII)		(VIII)
ID County		Name of Facility	Owner	Permitted Acreage	Total Waste Received		Out of State Waste Received		Est. Life Remaining
				Hereage	tons/year	tons/day*	tons/year	%	years
1	Adams	Plantation Oaks Landfill	Waste Mgt. of MS, Inc.	80	119,851	387	6,529	5.45	47
2	Chickasaw	Prairie Bluff Landfill	Waste Mgt. of MS, Inc.	236	126,665	409	16,996	13.42	150
3	Clay	Golden Triangle Reg. Landfill	Golden Triangle Reg. SWMA	265	134,118	433	0	0.00	173
4	Harrison	Pecan Grove Landfill	Waste Mgt. of MS, Inc.	176	409,156	1,320	4,654	1.14	19
5	Jackson	MacLand Disposal Center Landfill**	Macland Disposal Center, Inc.	70	191,186	617	103,793	54.29	18
6	Jefferson	Jefferson Co. Landfill	Southern Landfill Mgt. Inc.	177	16,893	54	3,775	22.35	530
7	Kemper	Kemper Co. Solid Waste Landfill	Kemper Co. Landfill Company	20	17,957	58	8,089	45.05	40
8	Lauderdale	Pine Ridge Landfill	Waste Mgt. of MS, Inc.	100	131,943	426	19,480	14.76	32
9	Leflore	Leflore County Landfill	Leflore Co. B.O.S.	56	90,045	290	0	0.00	15
10	Madison	Canton Sanitary Landfill	City of Canton	139	41,973	135	0	0.00	119
11	Madison	Little Dixie Landfill	BFI Waste Sys. of N. America	150	305,680	986	1,172	0.38	20
12	Pearl River	Central Landfill	Trans American Waste	80	88,416	285	46,749	52.87	88
13	Perry	Pine Belt Regional Landfill	Pine Belt SWMA	49	133,959	432	0	0.00	7
14	Pontotoc	Three Rivers Regional Landfill	Three Rivers SWMA	207	184,803	596	0	0.00	56
15	Scott	Clearview Env. Control Facility	Chambers of MS, Inc.	149	334,676	1,080	592	0.18	45
16	Tippah	Northeast MS Regional Landfill	NE Mississippi SWMA	32	257,775	832	161,006	62.46	16
17	Tunica	Tunica Landfill	Waste Mgt. of Tunica, Inc.	203	378,379	1,221	291,809	77.12	46
18	Washington	Big River Landfill	BFI Waste Sys. of N. America	183	136,787	441	1,687	1.23	130
19	Winston	City of Louisville Landfill	City of Louisville	39	25,472	82	269	1.06	91

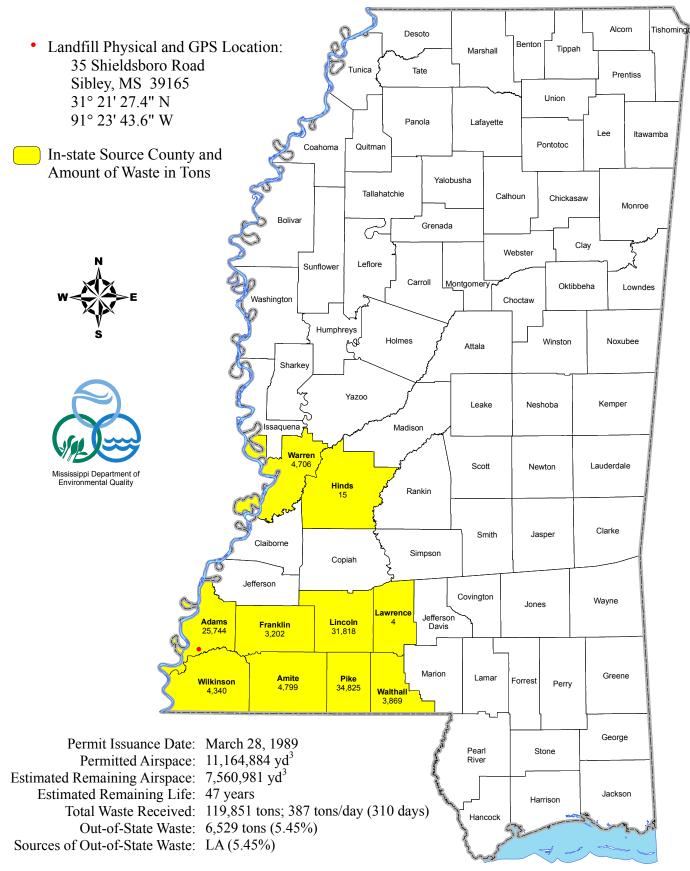
Total	3,125,734	10,083	666,600	21.33

^{*} Tons per day calculated using 310 days/year

^{**}Facility accepts only non-residential MSW

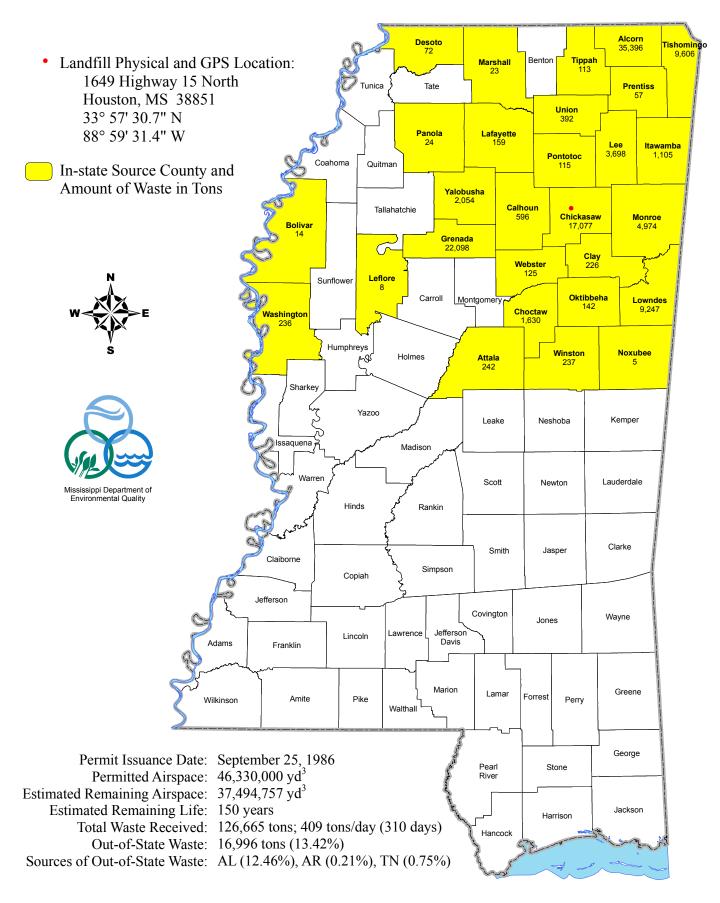
PLANTATION OAKS LANDFILL

Waste Management of Mississippi, Inc.



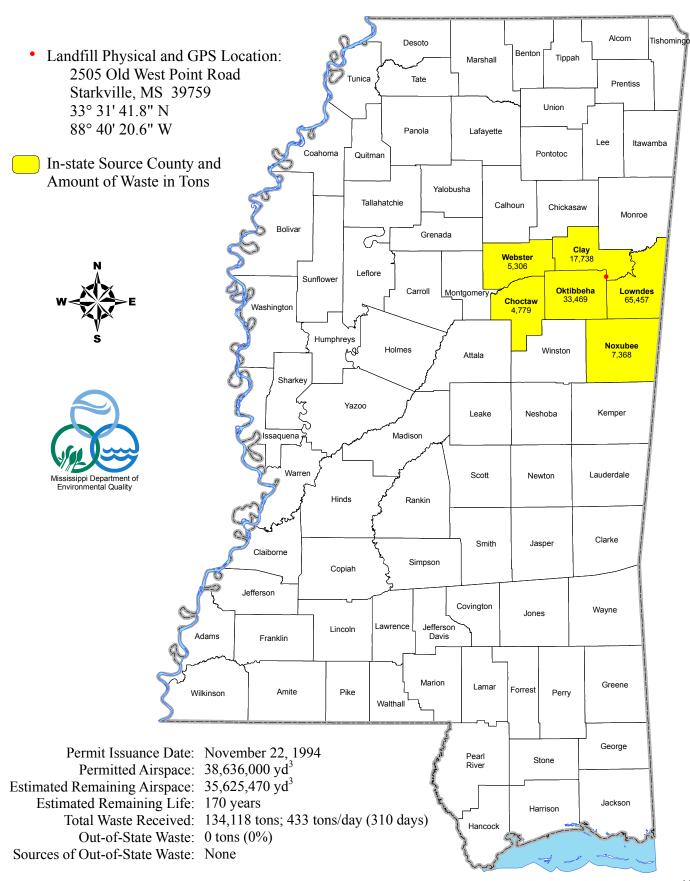
PRAIRIE BLUFF LANDFILL

Waste Management of Mississippi, Inc.



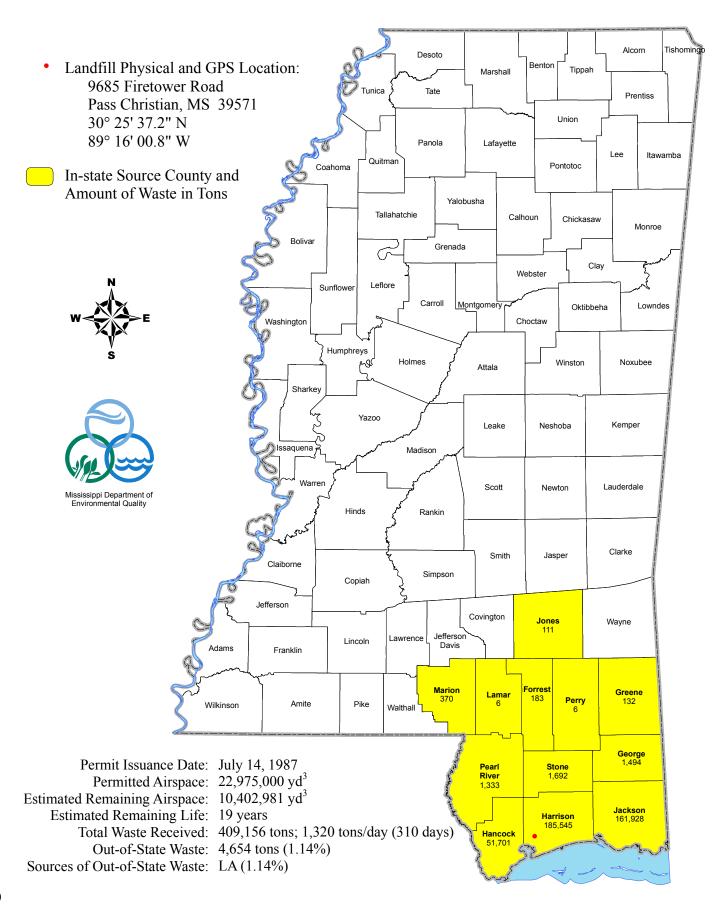
GOLDEN TRIANGLE REGIONAL LANDFILL

Golden Triangle Regional Solid Waste Management Authority



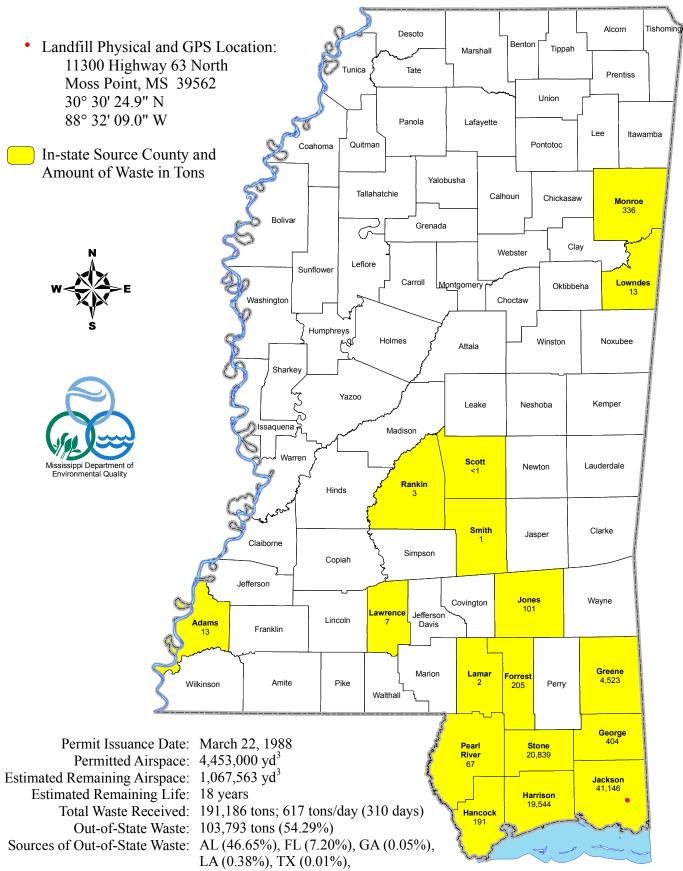
PECAN GROVE LANDFILL

Waste Management of Mississippi, Inc.



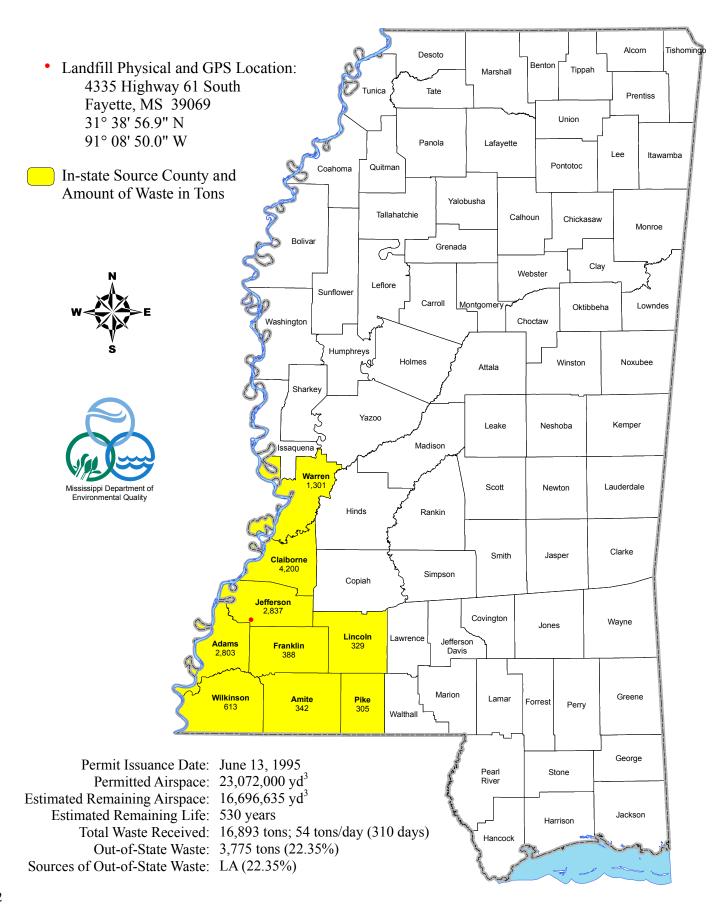
MACLAND DISPOSAL CENTER LANDFILL

Macland Disposal Center, Inc.



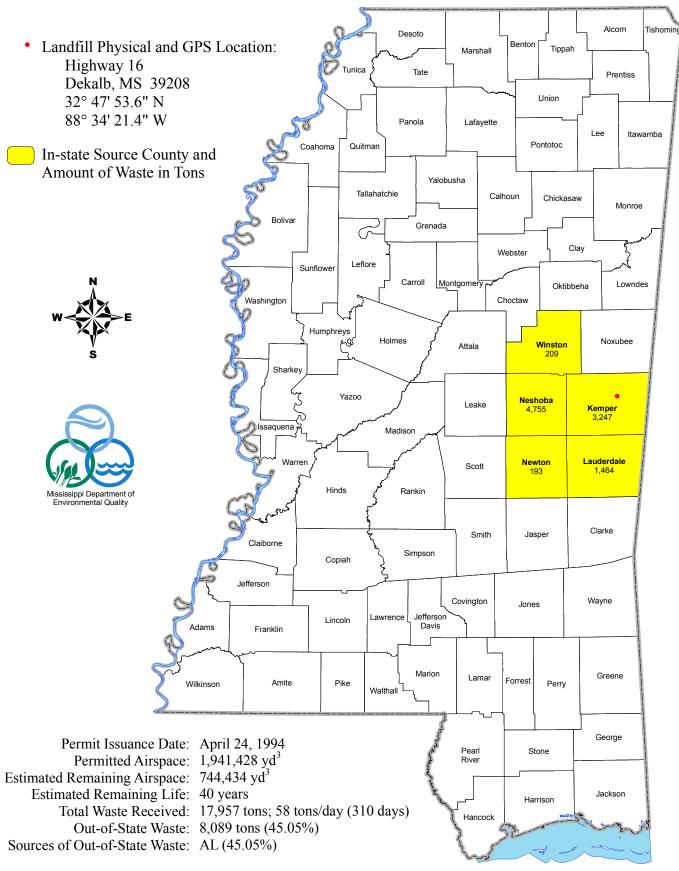
JEFFERSON COUNTY LANDFILL

Southern Landfill Management, Inc.



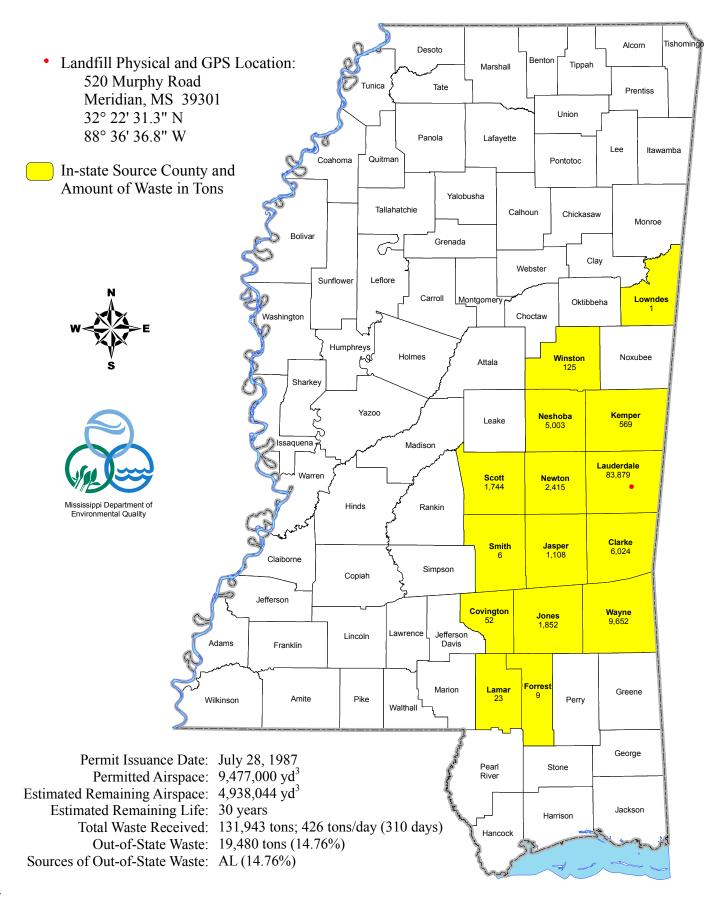
KEMPER COUNTY SOLID WASTE LANDFILL

Kemper County Landfill Company



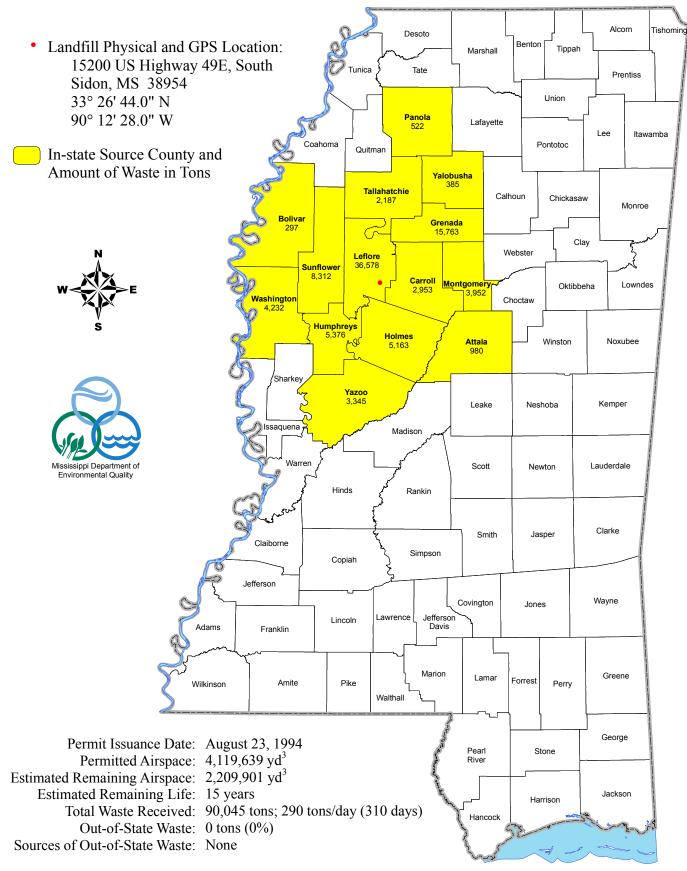
PINE RIDGE SANITARY LANDFILL

Waste Management of Mississippi, Inc.



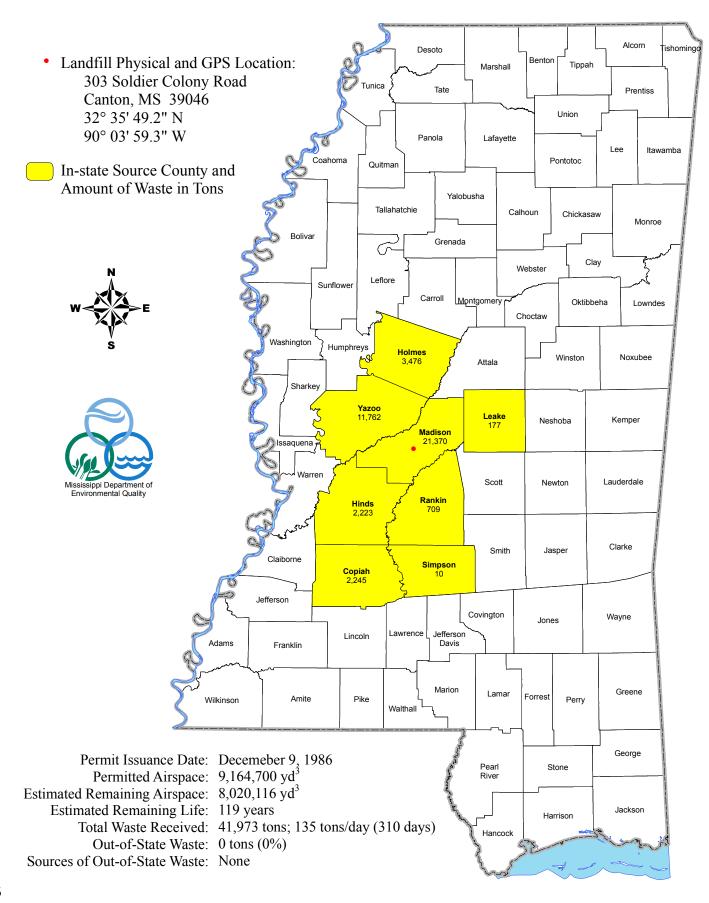
LEFLORE COUNTY MUNICIPAL SOLID WASTE LANDFILL

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



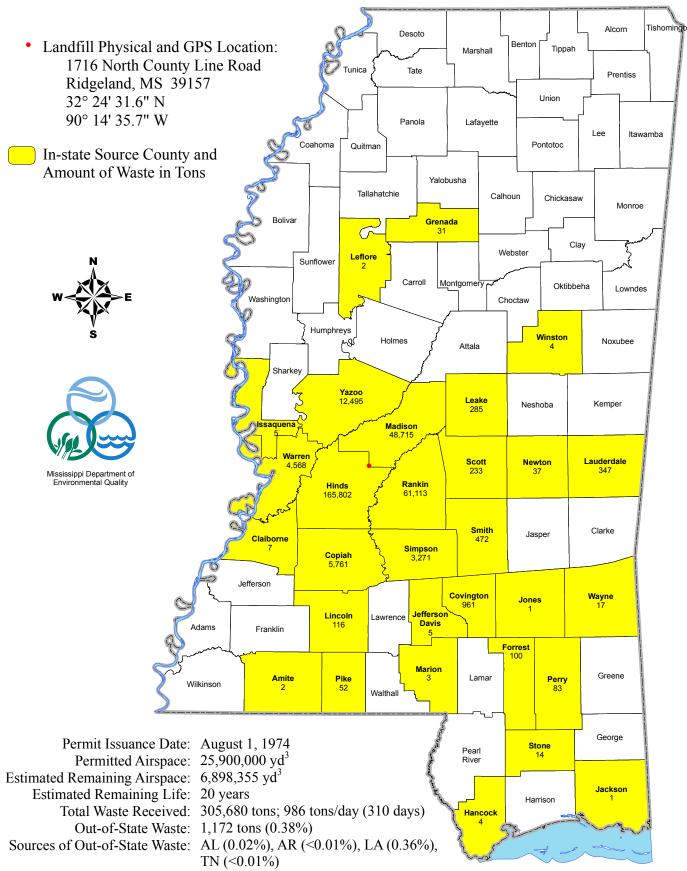
CANTON SANITARY LANDFILL

City of Canton



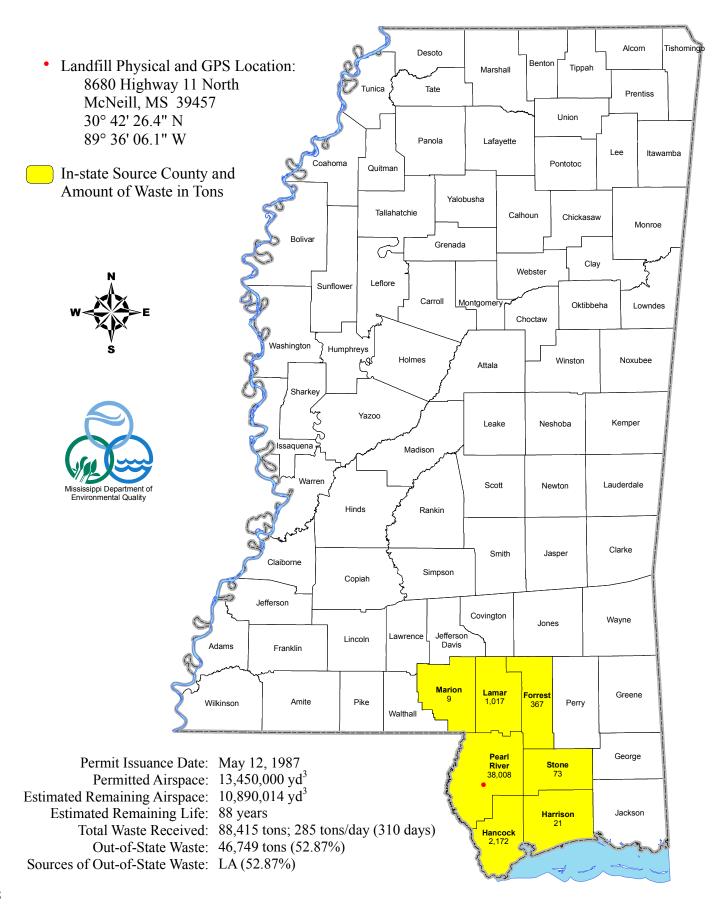
LITTLE DIXIE LANDFILL

BFI Waste Systems of North America, Inc.



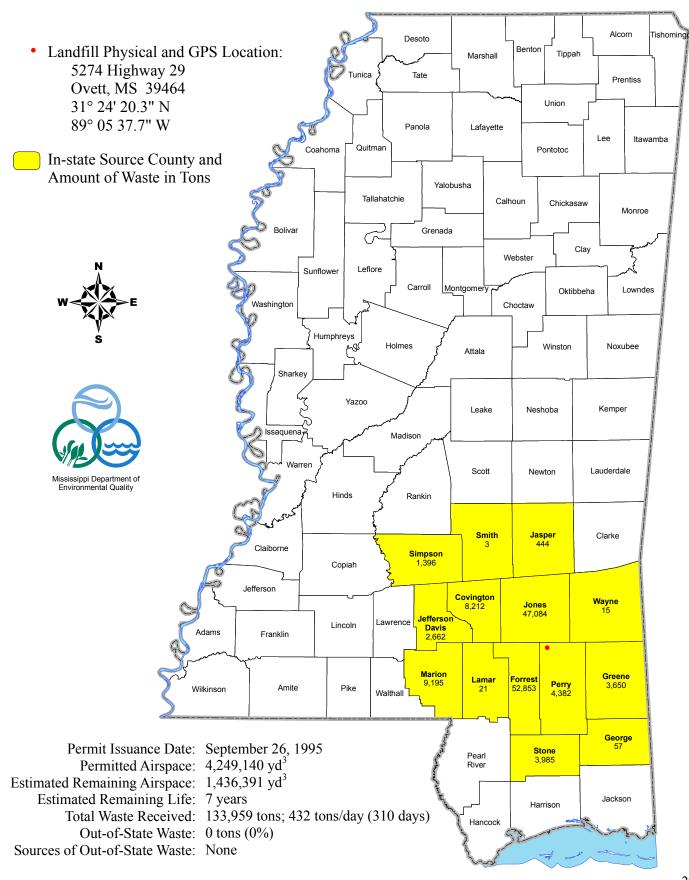
CENTRAL LANDFILL

TransAmerican Waste Inc.



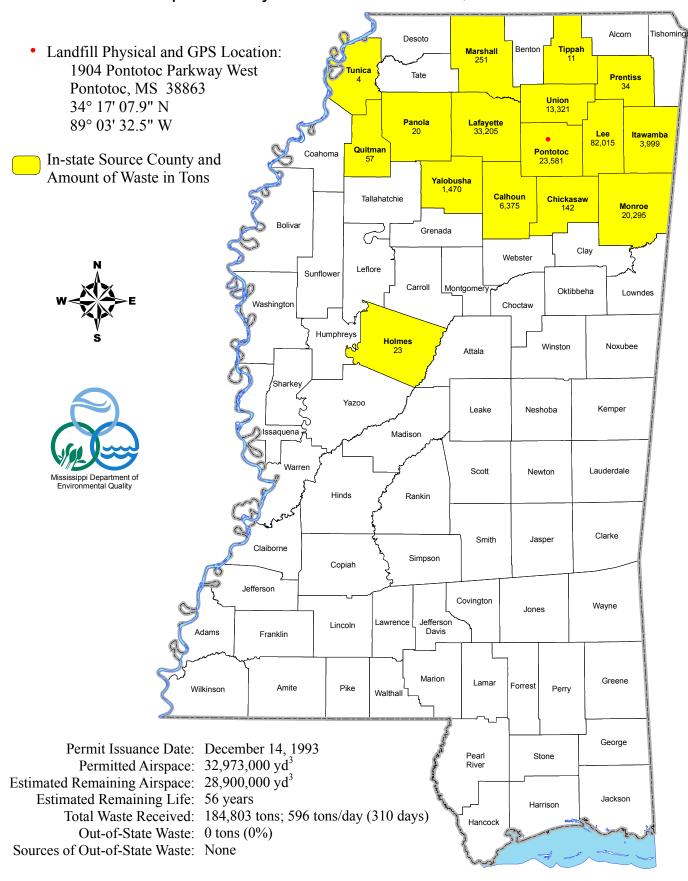
PINE BELT REGIONAL LANDFILL

Pine Belt Regional Solid Waste Management Authority



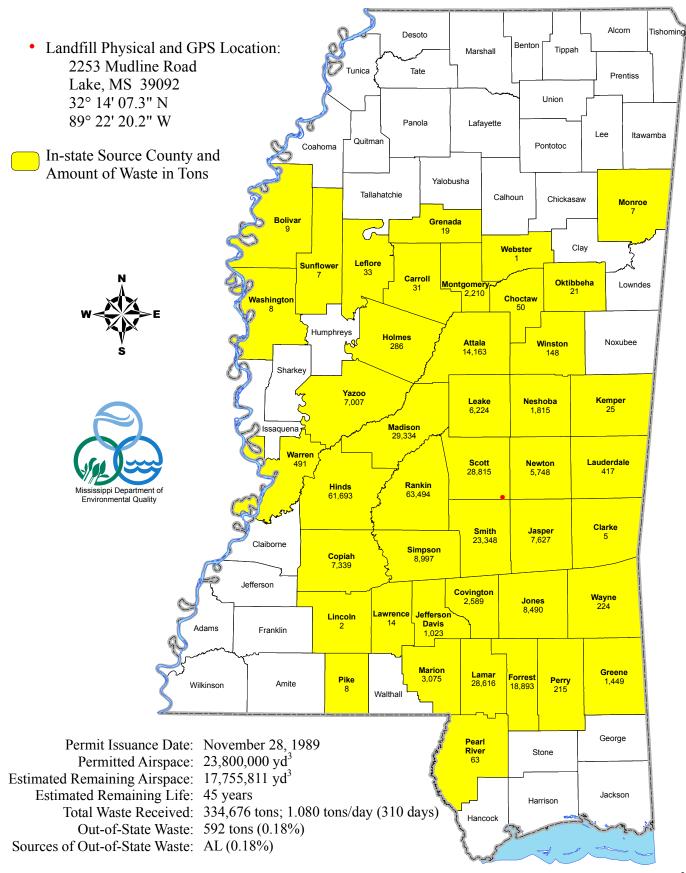
THREE RIVERS REGIONAL LANDFILL

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



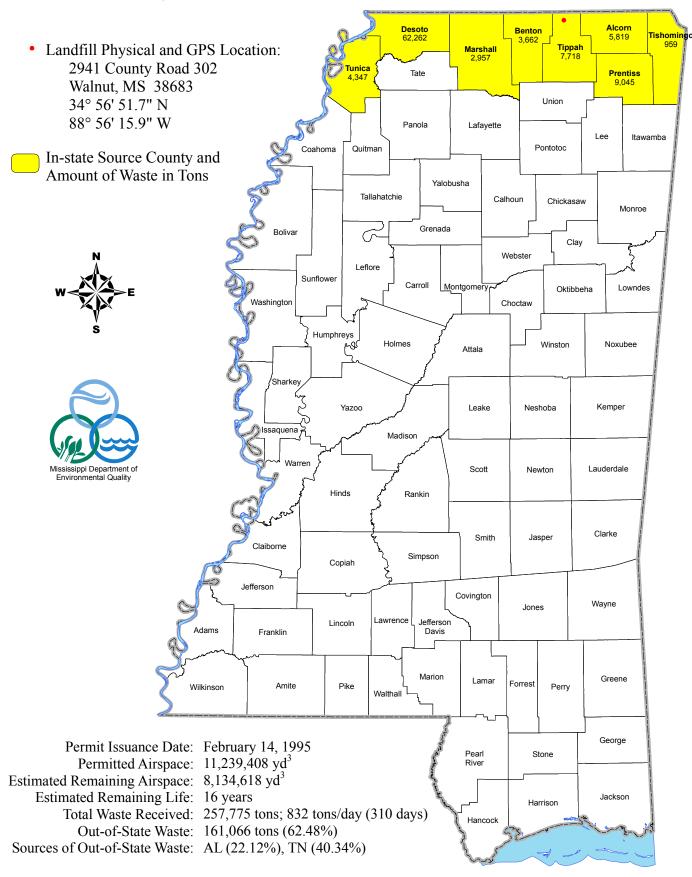
CLEARVIEW ENVIRONMENTAL CONTROL FACILITY

Chambers of Mississippi, Inc.



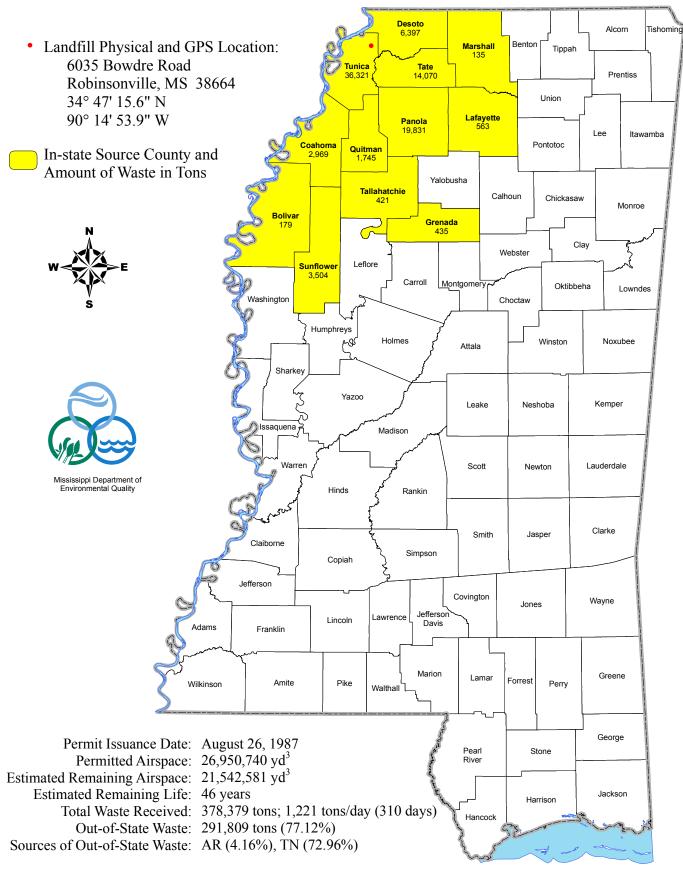
NORTHEAST MISSISSIPPI REGIONAL LANDFILL

Northeast Mississippi Solid Waste Management Authority operated by Waste Services of Northeast Mississippi, LLC



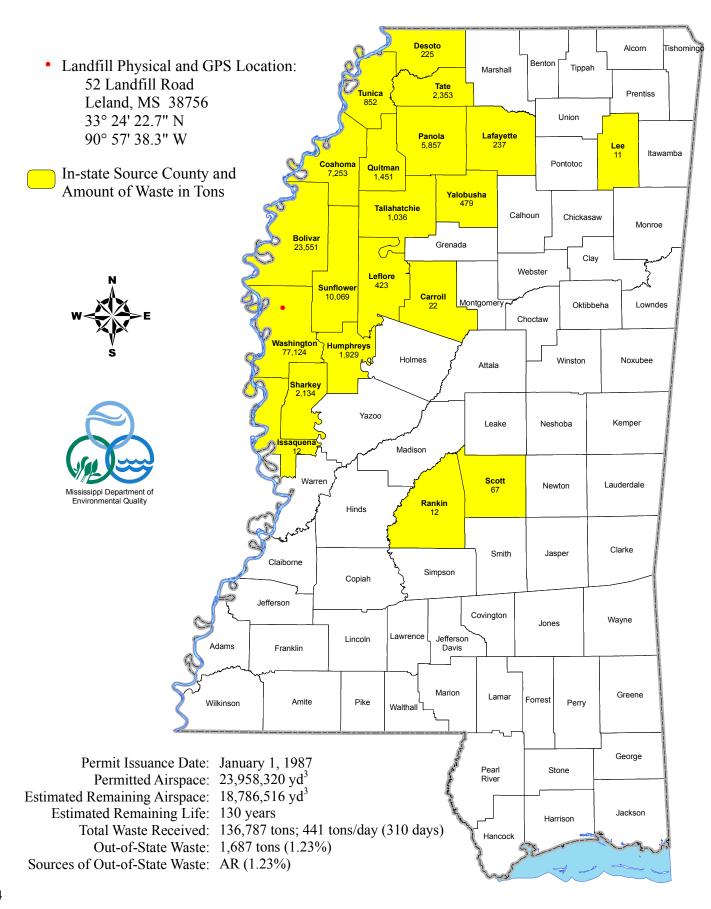
TUNICA COUNTY LANDFILL

Waste Management of Tunica, Inc.



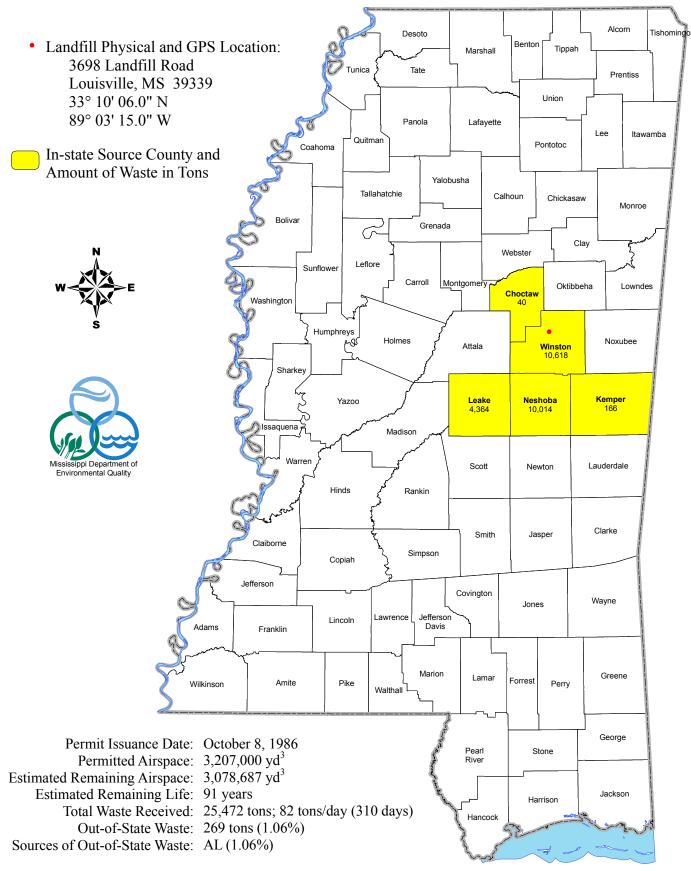
BIG RIVER LANDFILL

BFI Waste Systems of North America, Inc.



CITY OF LOUISVILLE SOLID WASTE LANDFILL

City of Louisville



Non-Municipal Solid Waste (Non-MSW) Landfills

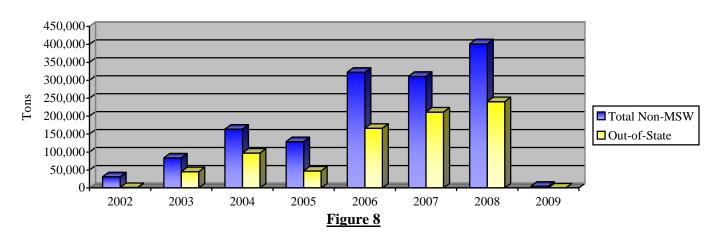
Non-MSW Landfills are commercial disposal facilities that are designed and constructed to receive a limited range of nonhazardous solid wastes including industrial sludges, ashes, and other process wastes or special wastes, such as asbestos, for disposal. These landfills generally receive waste from 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 5 permitted non-MSW landfills that operated in the state during Calendar Year 2009, 1 of which did not report. According to the annual reports submitted by the owners/operators, the 4 reporting non-MSW landfills received a total of 4,839 tons of solid waste during Calendar Year 2009.

The annual report on the solid waste disposal activities conducted at each non-MSW landfill is required by the Mississippi Code Annotated Section 17-17-219 and Section IV.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 2009 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 2009, Mississippi Non-MSW landfills received approximately 396,887 tons less solid waste than during Calendar Year 2008 (see <u>Figure 8</u> below). Much of this significant decrease may be attributed to a facility which had previous been counted in this category being moved to the commercial landfill section of the report due to permitted changes to the type of waste accepted (MacLand Landfill, Jackson County) and another facility which did not report in time for this publication in 2009.



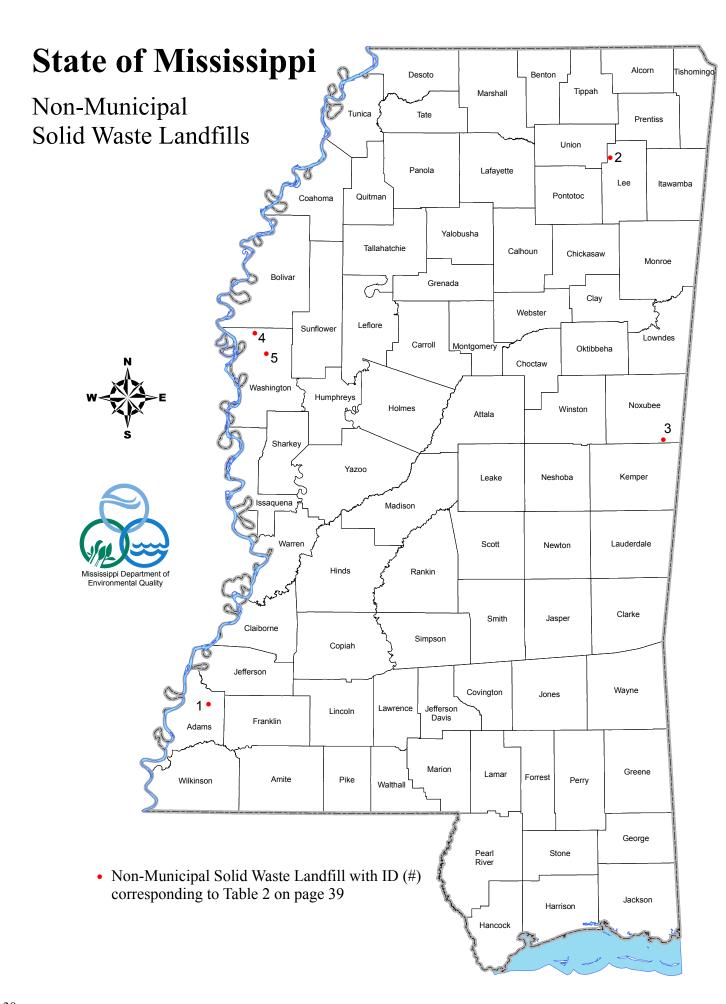


TABLE 2
Disposal Information on Non-Muncipal Solid Waste Landfills
Calendar Year 2009

(I)	(II)	(III)	(IV)	(V)	(VI) Total Waste		(VIII)	
ID	ID County	Name of Facility	Owner	Permitted	Received		Est. Life Remaining	
				Acreage	tons/year	tons/day*	years	
1	Adams	G. R. Disposal Landfill	G. R. Disposal Inc.	29	DID NOT	REPORT	2	
2	Lee	TMCO Landfill	Tim May Company Inc.	4	1,963	6	11	
3	Noxubee	Robo Asbestos Landfill	Bosarge & Edmonds Cont. Inc.	14	404	1	20	
4	Washington	Branco Landfill	Nolan Branton	25	208	1	18	
5	Washington	LMI Landfill	Landfill Management Inc.	3	2,264	7	59	

Total 4,839 16

^{*} Tons per day calculated using 310 days/year

Class I and Class II Rubbish Sites

Class I and Class II Rubbish Sites are facilities that are designed and constructed to receive rubbish wastes from a variety of sources for disposal. 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 wastes are 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 80 permitted commercial class I rubbish sites, 7 of which were inactive during Calendar Year 2009. According to the annual reports submitted by the facilities, a total of 1,069,707 tons of rubbish wastes were disposed of at the 73 active class I rubbish sites during Calendar Year 2009.

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.

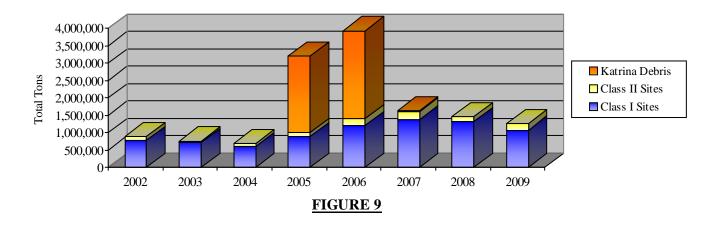
There were 71 permitted commercial class II rubbish sites, 17 of which were inactive during Calendar Year 2009. According to the annual reports submitted by the facilities, a total of 184,033 tons of rubbish wastes were disposed of at the 54 active class II rubbish sites during Calendar Year 2009.

An annual report on the solid waste disposal activity conducted at each rubbish site is required by the Mississippi Code Annotated, Section 17-17-219, Section VI.E.16 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 2009 for the permitted class I rubbish sites. The information is listed alphabetically by the County in which the facility 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 2009 for the permitted class II rubbish sites. The information is listed alphabetically by the County in which the facility is located.

Commercial Rubbish Disposal Trends

Data in this report indicates that during 2009, Mississippi commercial rubbish sites received approximately 208,524 tons less rubbish than during Calendar Year 2008 (see <u>Figure 9</u> below).



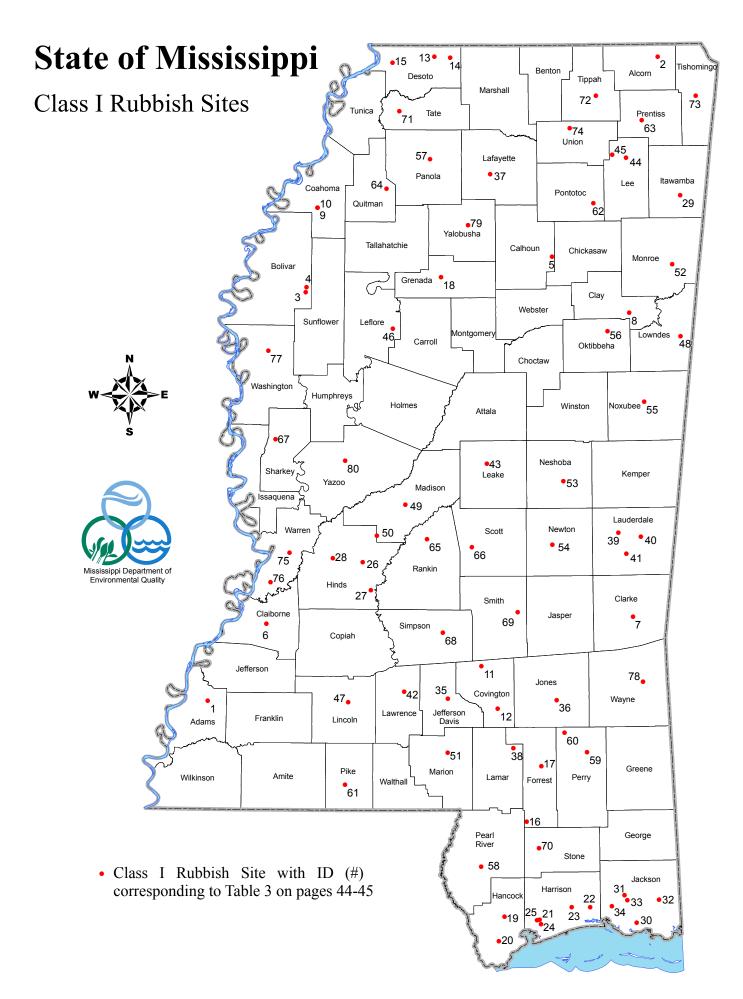


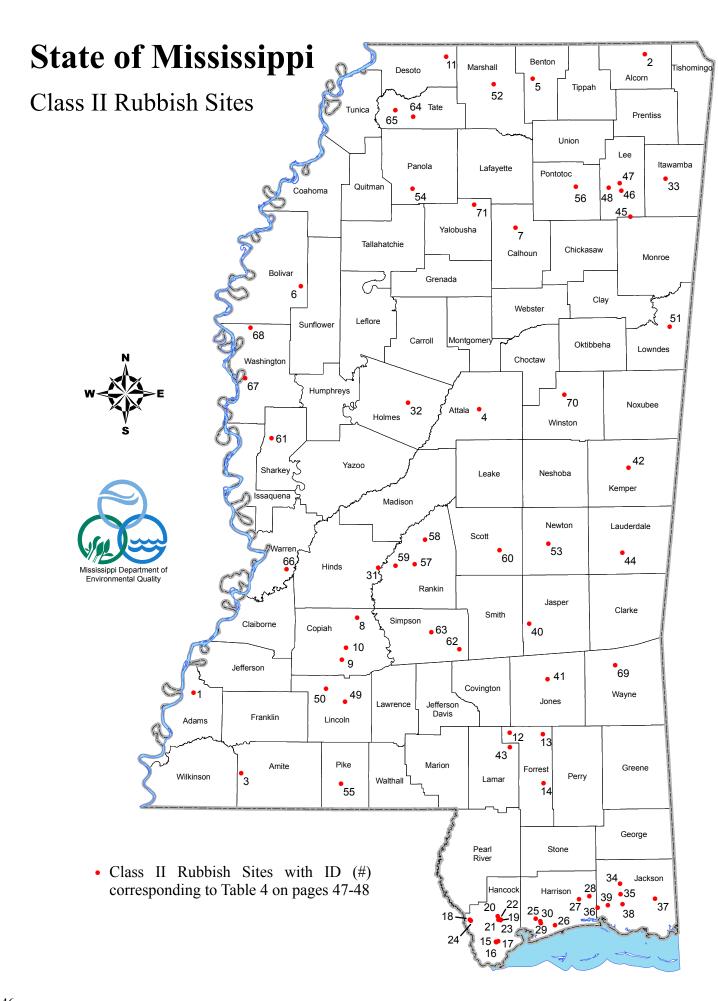
TABLE 3
Disposal Information on Permitted Class I Rubbish Sites
Calendar Year 2009

(I)	(II)	(III)	(IV)	(V)	(VI)	(V	П)	(V	III)
ID	County	Name of Facility	Owner	Permitted Acreage	Total Waste Received	Out of Sta Rece	ate Waste	Est.	Life aining acres
1	Adams	St. Catherine Rubbish Site	Triad Disposal Co.	27.4	6,251	tons/year	/0	20	20
2	Alcorn	Alcorn Co. Rubbish Site	Alcorn Co. B.O.S	11.8	1,786			1	0.83
3	Bolivar	Bolivar Co. Rubbish Site	Bolivar Co. B.O.S	22.4	7,574			6	6
4	Bolivar	Joe Reed & Co. Rubbsih Site	Joe Reed & Co., Inc.	15	4,640			15	13
5	Calhoun	Blueberry Hill Rubbish Disposal	Waste Placement, Inc.	15		NACTIVE		20	13.5
6	Claiborne	Claiborne Co. Rubbish Site	Claiborne Co. B.O.S	24.8	2,901			7	2.3
7	Clarke	Clarke Co. Rubbish Site	Clarke Co. B.O.S	32	1,338			3	6.5
8	Clay	West Point Rubbish Site	City of West Point	18	808			50+	17.8
9	Coahoma	Clarksdale Rubbish Landfill	City of Clarksdale	15.5	15,775			2	2
10	Coahoma	City of Clarksdale Rubbish Site	City of Clarksdale	18	INACTIVE				18
11	Covington	Covington Co. Rubbish Site (N)	Covington Co. B.O.S	4	1,128			5	0.5
12	Covington	Covington Co. Rubbish Site (S)	Covington Co. B.O.S	24	2,055			17	12
13	DeSoto	DeSoto Co. Rubbish Pit	DeSoto Co. B.O.S	22	35,573			2	0.5
14	DeSoto	Railroad Ave. Disposal	Railroad Ave. Disposal, LLC	22.8	53,849	33,122	61.51	5	1.2
15	DeSoto	TDG Rubbish Disposal	TDG, LLC	28	8,598	2,192	25.49	13	
16	Forrest	Fairley's Tire & Rubber Disposal	Wilford Fairley	25	1,655	-		6	4
17	Forrest	North Gate Rubbish Site	Pine Belt Waste Sys. LLC	5	4,650				
18	Grenada	Grenada Co. Rubbish Site	Grenada Co. B.O.S	21	4,526			13	4.7
19	Hancock	HCDC Rubbish Site	Hancock Co. Development Co.	49.9	INACTIVE		20+	31	
20	Hancock	King Rubbish Site	King Const. & Env. Serv. LLC	20.2	INACTIVE		20+	20.2	
21	Harrison	Blackmer Disposal Facility	Mark Blackmer	15	18,571			3	
22	Harrison	Coastal Recycling Rubbish Site	C. N. Williams	60	130,610			19	45.32
23	Harrison	Firetower Landfill	Firetower Landfill, LLC	18.3	45,939			13	11.97
24	Harrison	Pecan Grove Rubbish Site	Waste Management, Inc.	100	I	NACTIVE		150	100
25	Harrison	S&S Enterprises Rubbsih Site	S&S Enterprises, Inc	12	I	NACTIVE		5	12
26	Hinds	Faircloth Rubbish Landfill	Faircloth Rubbish LF, Inc	30	48,020			10	18
27	Hinds	City of Jackson Rubbish Site	City of Jackson	13	14,429			3	6
28	Hinds	Mid-South Recycling & Disposal	Danny Plunkett	12	5,925			4	5
29	Itawamba	Tilden-Clay Rd. Rubbish Landfill	Oxford Landfill Mgt. Inc.	4.7	750			100+	4.4
30	Jackson	Applewhite Processing Facility	Applewhite Recycling Sys.	18	80,000			10	
31	Jackson	John Ward Solomon's Mines	John Ward	40	1,933			20	40
32	Jackson	MacLand II Rubbish Site	MacLand Disposal Center	32	48,913			5	1.5
33	Jackson	Talley Contracting Rubbish Site	Talley Contracting Inc.	25.5	6,833			20	
34	Jackson	West Jackson Co. (Seaman Rd.)	Jackson Co. B.O.S	39	37,776			20	19.86
35	Jeff. Davis	Jeff. Davis Co. Rubbish Landfill	Jeff Davis Co. B.O.S.	7.4	6,415			39	3.9
36	Jones	Randy-Danny Rubbish Site	Randy-Danny, Inc.	11	16,618				
37	Lafayette	Oxford Rubbish Site	City of Oxford	15	2,587			8	4.5
38	Lamar	Oak Grove Rubbish Site	Trashhunter's, Inc.	30	41,730			13	10
39	Lauderdale	Bozeman Hill Rubbish Site	Southern Waste Disposal	14.8	11,736			24	9.5
40	Lauderdale	H.E. Mosley Rubbish Site	Phillip L. Mosley	5.1	2,504			4	3.6
41	Lauderdale	SOWACO (East) Rubbish Site	Southern Waste Disposal	12	31,395			3	9.7

TABLE 3
Disposal Information on Permitted Class I Rubbish Sites
Calendar Year 2009

(I)	(II)	(III)	(IV)	(V)	(VI)	(V .	II)	(V	III)
ID	County	Name of Facility	Owner	Permitted Acreage	Total Waste Received	Out of Sta Rece			Life aining
					tons/year	tons/year	%	years	acres
42	Lawrence	Lawrence Co. Rubbish Site	Lawrence Co. B.O.S	4.33	1,250			18	4
43	Leake	Leake Co. Rubbish Site	Leake Co. B.O.S	12.5	4,249			1	1
44	Lee	Mac's Tire Recyclers, Inc.	MTR Acquisition, Inc.	28	28,527			10	
45	Lee	TMCO Rubbish Site	T. May Company, Inc	30	8,590			24	19
46	Leflore	Leflore County Rubbish Site	Leflore Co. B.O.S.	11.9	100				
47	Lincoln	Brookhaven Rubbish Site	City of Brookhaven	10.3	3,405				
48	Lowndes	Columbus Rubbish Site	City of Columbus	23	30,215			5	7
49	Madison	Canton Rubbish Site	City of Canton	30	48,126			8	10.1
50	Madison	Madison South Rubbish Landfill	DDB Construction Co. Inc	40	29,193			90+	37
51	Marion	Columbia Rubbish Site	City of Columbia	19.43	3,929		20	19	
52	Monroe	Monroe Co. Rubbish Site	Monroe Co. B.O.S	8	12,335		1	2	
53	Neshoba	Neshoba Co. Rubbish Site	Neshoba Co. B.O.S	21.4	6,281		0	1	
54	Newton	Newton Co. Rubbish Site	Newton Co. B.O.S	36.33	3,009	3,009			
55	Noxubee	Macon Rubbish Site	City of Macon	14	312	312		3	10
56	Oktibbeha	Starkville Rubbish Site	City of Starkville	21.7	27,342			15	
57	Panola	Sardis Rubbish Site	City of Sardis	8.5	2,192				
58	Pearl River	Central Landfill Rubbish Site	TransAmerican Waste, Inc.	6	I	INACTIVE		2	6
59	Perry	Perry Co. Rubbish Site	Perry Co. B.O.S	8.2	707			1.79	
60	Perry	Pine Belt Regional Rubbish Site	Pine Belt Regional Authority	11	2,262				
61	Pike	Magnolia Rubbish Site	Bruce Williams	3.8	1,653			8	1
62	Ponotoc	Woodland Rubbish Landfill	SEC Landfill Co. LLC	25	6,120			100	24
63	Prentiss	Prentiss Co. Rubbish Site	Prentiss Co. B.O.S.	10.11	7,590			20	16
64	Quitman	MLO Rubbish Site	MS Landfill Operations, LLC	39.6	13,211	60	0.45	20	1.2
65	Rankin	SEA-1 Rubbish Site	Southern Env. Assoc. Inc.	9.2	4,141			5	4
66	Scott	Morton Rubbish Site	City of Morton	3.8	375			48	2.86
67	Sharkey	Sharkey Co. Rubbish Site	Sharkey Co. B.O.S.	2.8	3,333			9	2.2
68	Simpson	SCRSWMA Rubbish Site	South Central Reg. SWMA	2.3	3,932			7	0.9
69	Smith	Houston Resources Rubbish Site	Joseph Houston, II	14	157			63+	14.25
70	Stone	Diamond Disposal Rubbish Site	Diamond Disposal Inc.	10	4,138			8	5
71	Tate	Tate Co. Rubbish Site	Tate Co. B.O.S	13	5,976				
72	Tippah	RES Rubbish Site	Resourceful Env. Services, Inc.	36.8	18,903	343	1.82	1	7
73	Tishomingo	Tishomingo Co. Rubbish Site	Tishomingo Co. B.O.S.	20	16,269			7	13.47
74	Union	New Albany Pumkin Ctr. Rub. Site	City of New Albany	43.4	23,634			1	0
75	Warren	Warren Co. Landfill Rub. Site	Vicksburg Warren Co. L'fll	10	3,205			7	7.25
76	Warren	Warren Co. Waste Control	Warren Co. Waste Control	22.8	7,458				
77	Washington	LMI Rubbish Site	Landfill Mgt., Inc.	54	24,148				
78	Wayne	Waynesboro Rubbish Site	City of Waynesboro	3.9	2,712			1	0.5
79	Yalobusha	Yalobusha Co. Rubbish Site	Yalobusha Co. B.O.S	10	825				9.64
80	Yazoo	Yazoo Rubbish Site	Yazoo Enterprises, Inc.	17.9	4,111				
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Total 1,069,707 35,717 3.34



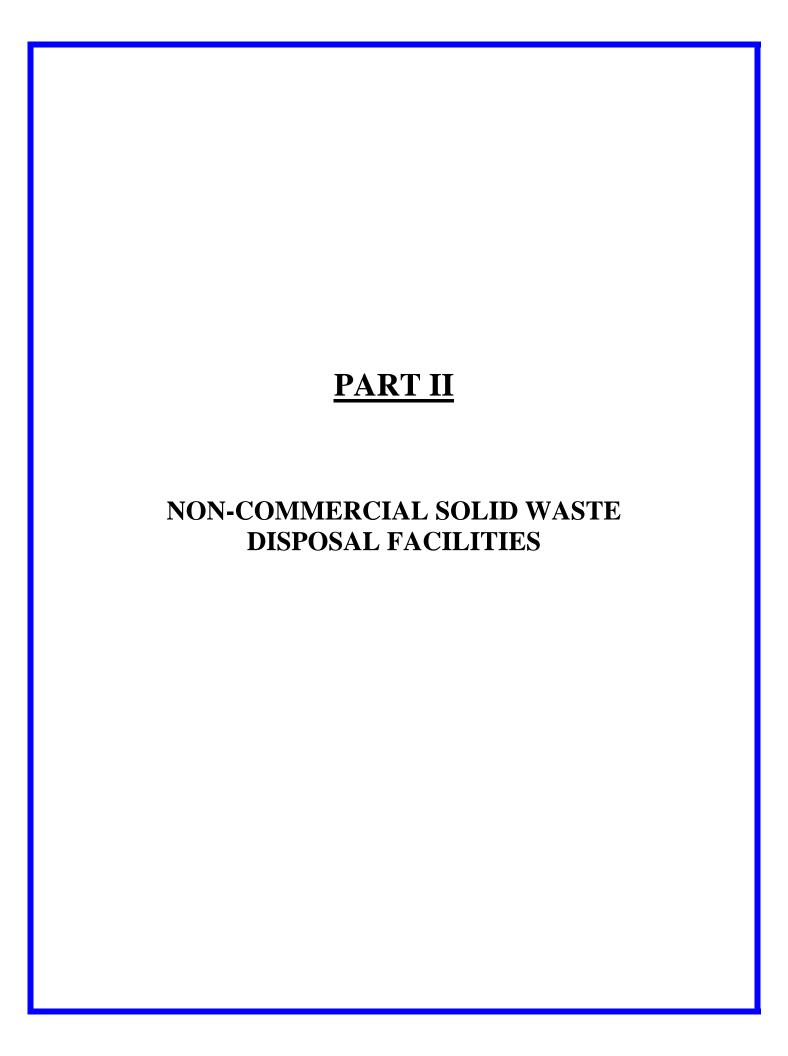
<u>TABLE 4</u>
Disposal Information on Permitted Class II Rubbish Sites
Calendar Year 2009

1 2 3 4 5	County Adams Alcorn	(III) Name of Facility	Owner		(VI) Total Waste	Out of Ste		— `.	1
1 2 3 4 5	Adams	Name of Facility	Owner	Permitted	Total Waste			Out of State Waste Est. Li	
2 3 4 5				Acreage	Received				aining
2 3 4 5		Foster Mound Rubbish Site	Adams Co. B.O.S.	1.4	tons/year 2,564	tons/year	%	years	acres
3 4 5		Corinth Rubbish Site	City of Corinth	12	86			50+	10
4 5	Amite	Gloster Class II Rubbish Site	Town of Gloster	2	130			11	2
-	Atalla	Kosciusko Rubbish Site	City of Kosciusko	21	225				6
${}^{-}$	Benton	Snow Lake Shores Rubish Site	Town of Snow Lake Shores	5.1	20			20	1.07
6	Bolivar	Joe Reed Rubbish Site	Joe Reed and Co, Inc.	8	493			35	
7	Calhoun	Bruce Rubbish Site	City of Bruce	14	66			2	1.25
8	Copiah	Copiah Co. (Crystal Springs)	Copiah Co. B.O.S	2	178			20	
9	Copiah	Copiah Co. (Martinsville)	Copiah Co. B.O.S	1	294			20	
10	Copiah	Hazlehurst Rubbish Site	City of Hazlehurst	5	2,100			4	4.6
11	DeSoto	Railroad Ave. Disposal	Railroad Ave. Disposal, LLC	8.6	3,790			40+	
12	Forrest	Beat 2 Rubbish Site	Forrest Co. B.O.S	18.2	Ι	NACTIVE		1	5
13	Forrest	Barrontown Rubbish Site	Forrest Co. B.O.S	26	1,438			1	2.5
14	Forrest	McLaurin Rubbish Site	Forrest Co. B.O.S	3	6,288			3	1.5
15	Hancock	Bayou La Croix Rubbish Site	Mitch Hardie	10	600			40	9
16	Hancock	Boudin Rubbish Site	Boudin Envir. Services, LLC	80	451				40
17	Hancock	Fricke Pit #1/Bayou LaCroix Rd	William Fricke	2	247			10	1.75
18	Hancock	Frierson Rubbish Site	Houston Frierson Jr.	23.5	Ι	INACTIVE		30	23
19	Hancock	Coyote Land Co. Rubbish Site	Coyote Land Co. of MS	42	INACTIVE			15	
20	Hancock	Henley Pit #1 Rubbish Site	Charles Henley	17.3	INACTIVE		10	10.5	
21	Hancock	Henley Pit #2 Rubbish Site	Charles Henley	9.3	I	NACTIVE			9
22	Hancock	Henley Pit #3 Rubbish Site	Charles Henley	4.5	631			10	4
23	Hancock	Ladner Rubbish Site	Prince J. Ladner	17	1,733			12	11
24	Hancock	Phillips 607 Rubbish Pit	Phillips Trucking Co.	8	9,582	7,983	83.31	5	7
25	Harrison	Blackmer Disposal Facility	Mark Blackmer	23.5	1,404			8	
26	Harrison	Canal Road Rubbish Site	City of Gulfport	5.7	22,988				
27	Harrison	D.W. Lamey Rubbish Site	D.W. Lamey Fill & Trucking	40	5,236			40	30
28	Harrison	East Harrison Co. Rubbish Site	E. Harrison Co. Rubbish LLC	20		NACTIVE		20	
29	Harrison	Browns Rubbish Site	Earl Brown	6.7		NACTIVE		7	
30	Harrison	Ray Rubbish Site	Dan Ray	8	255			7	7
31	Hinds	APAC Meter Rd. Rubbish Site	APAC Mississippi, Inc.	7.3	53,252			4	3
32	Holmes	Lexington Class II Rubbish Site	City of Lexington	1.1	1,697			19+	1.0
33	Itawamba	Fulton Rubbish Site	City of Fulton	6.58	2,685			4	1.9
34	Jackson	Henze Class II Rubbish Site	Henze Enterprises, Inc.	17	568			20	14
35 36	Jackson Jackson	John Ward Solomon's Mines	John Ward	28 17	320 2,392			20	28
37	Jackson	Lamey Pit Rubbish Site MacLand II Rubbish Site	Mabelle Lamey MacLand Dispsoal Center	35	· · · · · · · · · · · · · · · · · · ·	NACTIVE		20+	35
38	Jackson	Mallette Bros. Rubbish Site	Mallette Bros. Const. Co.	19		NACTIVE		7	2.25
39	Jackson	West Jackson Co. (Seaman Rd.)	Jackson Co. B.O.S	22		NACTIVE		,	2.23
40	Jackson	Bay Springs Rubbish Site	City of Bay Springs	5.2		NACTIVE		10	2.4
41	Jones	Laurel Rubbish Site	City of Laurel	26.8	9,750			15	20.51
42	Kemper	DeKalb Rubbish Site	Town of DeKalb	8	258			23	1.84
43	Lamar	Hover Gravel Rubbish Site	Hover Gravel Co.	30	450			21	30

<u>TABLE 4</u>
Disposal Information on Permitted Class II Rubbish Sites
Calendar Year 2009

(I)	(II)	(III)	(IV)	(V)	(VI)	(V.	II)	(V	III)
ID	County	Name of Facility	Owner	Permitted	Total Waste				Life
	County	1 (Millo of 2 Melloy	0	Acreage	Received	Rece		_	aining
		2011120 1111 1111 1111	0 1 77 1	12	tons/year	tons/year	%	years	acres
44	Lauderdale	SOWACO (West) Rubbish Site	Southern Waste Disposal	12		NACTIVE		2	3
45	Lee	Nettleton Rub. Site No.1 West	Town of Nettleton	7.3	3241			5	
46	Lee	Red Oak Wood Waste/Recycling	City of Tupelo	9.5	I	NACTIVE			\longmapsto
47	Lee	Tupelo CDF Rubbish Site	City of Tupelo	28.5	11,113			10	20
48	Lee	Tupelo Water & Light West	City of Tupelo	2.8	769			8	0.67
49	Lincoln	Brookhaven Rubbish Site	City of Brookhaven	4.9	I	NACTIVE		25	3.2
50	Lincoln	Oddee Smith Rubbish Site	Odee Smith & Sons, Inc.	0.75	I	NACTIVE		5	0.75
51	Lowndes	Phillips Develop. Rubbish Site	Phillips Development, LLC	4.6	81			5	3.4
52	Marshall	Marshall Co. Rubbish Site	Marshall Co. B.O.S	2.5	5,963			5	0.8
53	Newton	Newton Co. Rubbish Site	Newton Co. B.O.S	2	390			10	1.92
54	Panola	Batesville Rubbish Site	City of Batesville	2.1	1,901			3	1
55	Pike	Magnolia Rubbsih Site	Bruce Williams	4.4	2,222			10	1.8
56	Pontotoc	City of Pontotoc Rubbish Site	City of Pontotoc	9.7	1,200				3.3
57	Rankin	Brandon Rubbish Site	City of Brandon	2	30			20+	2
58	Rankin	Helms Road Rubbish Pit	Foshee Construction Co.	49.5	7,358			17	41
59	Rankin	Pearl Rubbish Site	City of Pearl	10	6,370			13	10
60	Scott	Forest Rubbish Site	City of Forest	2.5	122			4	2
61	Sharkey	Sharkey Co. Rubbish Site	Sharkey Co. BOS	8	2979			9	7.4
62	Simpson	Magee Rubbish Site	City of Magee	9.2	2,887			10	
63	Simpson	Mendenhall Rubbish Site	City of Mendenhall	6	438			11	6
64	Tate	Senatobia Rubbish Landfill	City of Senatobia	5	164			39	4
65	Tate	Tate Co. Rubbish Site	Tate Co. B.O.S	20	649			15	4.32
66	Warren	Highway 27 Rubbish Landfill	Buford Construction Co. Inc.	9	2,292				
67	Washington	Avis Rubbish Site	Jim Avis	15	852			47	15
68	Washington	Branco Rubbish Site	Nolan Branton	43.4	INACTIVE		20+	43.39	
69	Wayne	W.C. Pitts Const. Rubbish Site	W.C. Pitts Const. Co., Inc.	4	I	NACTIVE		0	0
70	Winston	Louisville Rubbish Site	City of Louisville	3.81	507			38	3.8
71	Yalobusha	Water Valley (Foxx) Rub. Site	City of Water Valley	6	338			5	

Total 184,033 7,983 4.34



Industrial and Institutional Landfills

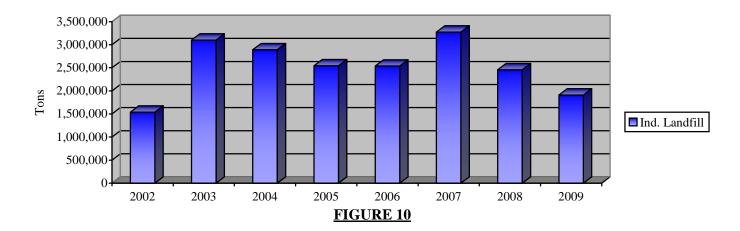
Industrial and Institutional Landfills are disposal facilities that are designed and constructed to receive nonhazardous industrial wastes and certain special wastes from one primary source for ultimate disposal. These disposal facilities are generally owned and operated by the industry or institution that generates the wastes. There were 21 permitted industrial and institutional landfills, of which 4 were inactive during Calendar Year 2009. According to the annual reports submitted by the owners/operators, a total of 1,908,327 tons of solid waste were disposed of at the 17 active landfills during Calendar Year 2009.

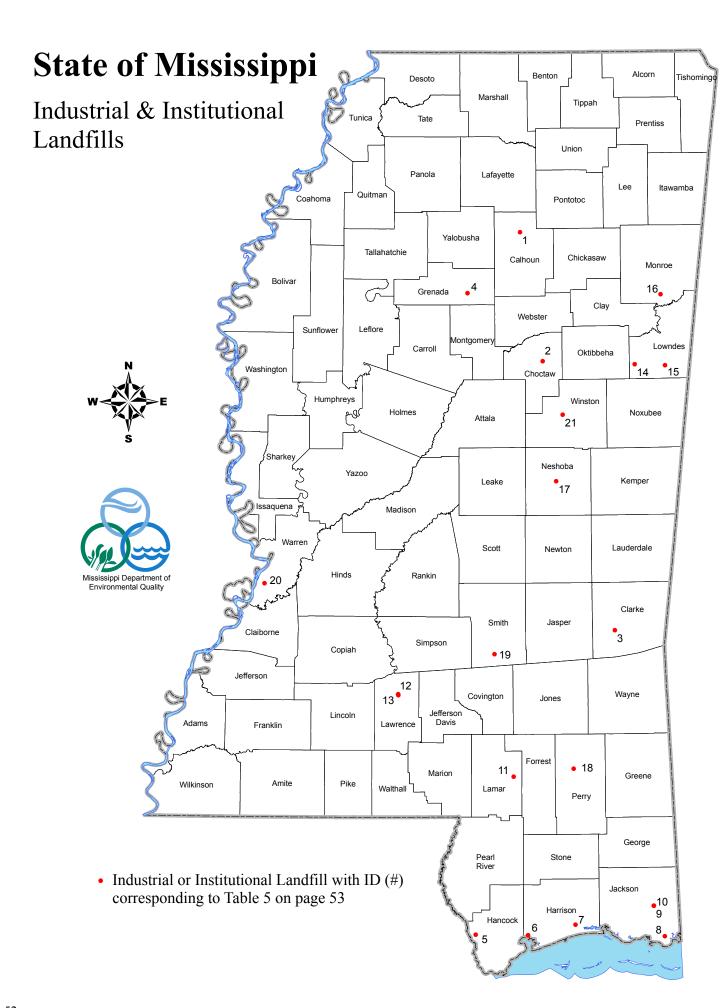
The annual report on the solid waste disposal activities conducted at each industrial and institutional landfill is required by the individual facility permit conditions. This report contains a summary report on the disposal activities conducted at landfills in Mississippi during Calendar Year 2009. 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 2009 for industrial and institutional landfills. The information is listed alphabetically by the County in which the facility is located.

Industrial and Institutional Landfill Disposal Trends

Data in this report indicates that during 2009, Mississippi industrial and institutional landfills received approximately 548,008 tons less solid waste than during Calendar Year 2008 (see Figure 10 below).





<u>TABLE 5</u>
Disposal Information on Industrial Landfills
Calendar Year 2009

(I)	(II)	(III)	(IV)	(V)	(V	I)	(VII)
ID	County	Name of Facility	Owner	Permitted Acreage		Total Waste Received Remain tons/year tons/day* years	
1	Calhoun	Weyerhauser Industrial Landfill	Weyerhauser Co.	10	2,159	8	0
2	Choctaw	Red Hills Ash Mgmt. Units	Choctaw Generation, LLP	90	44,685	172	49
3	Clarke	Bazor Lumber Landfill	Bazor Lumber Co. Inc.	18	INAC	TIVE	
4	Grenada	Hankins Lumber Landfill	Hankins Lumber Co. Inc.	12.3	INACTIVE		
5	Hancock	NSTL/Stennis Space Center Landfill	NASA	13.6	2,418 9		20
6	Harrison	DuPont DeLisle Plant Landfill	Dupont	156	71,464	275	6
7	Harrison	Plant Watson Landfill	MS Power Company	84.4	109,164	109,164 420	
8	Jackson	MS Phosphates Gypsum Stack #2	MS Phosphates Corp.	392.3	1,400,694	1,400,694 5,387	
9	Jackson	Plant Daniel Landfill (Central Unit)	MS Power Company	22	6,455	25	0
10	Jackson	Plant Daniel Landfill (North Unit)	MS Power Company	46	86,891	334	20
11	Lamar	R.D. Morrow Plant Ash Landfill	South MS Power Assn.	72	56,300	217	16
12	Lawrence	Monticello Ash Landfill	Georgia Pacific Corporation	30	49,689	191	6
13	Lawrence	Monticello Operations Landfill	Georgia Pacific Corporation	19	21,297	82	3
14	Lowndes	Holcim CKD Disposal Site	Holcim (US), Inc.	15	INAC	CTIVE	17
15	Lowndes	Weyerhaeuser Industrial Landfill	Weyerhaeuser Co.	10	11,102	43	
16	Monroe	Kerr-McGee Solid Waste Mgt. Unit	Tronox, LLC	4	10,179	39	6
17	Neshoba	Weyerhaeuser Landfill Disposal Site	Weyerhaeuser Co.	36	INAC	CTIVE	20
18	Perry	Leaf River Cellulose Landfill	Leaf River Cellulose, LLC	14.7	16,762	64	20
19	Smith	Taylorsville Plywood Landfill	Georgia Pacific Corporation		3,814	15	20
20	Warren	Cappaert Landfill	Cappaert Mfg. Housing	20	13,000	50	9
21	Winston	GA Pacific Winston County Landfill	Georgia Pacific Corporation	9	2,254	9	20

Total 1,908,327 7,340

^{*} Tons per day calculated using 260 days/year

Industrial and Institutional Rubbish Sites

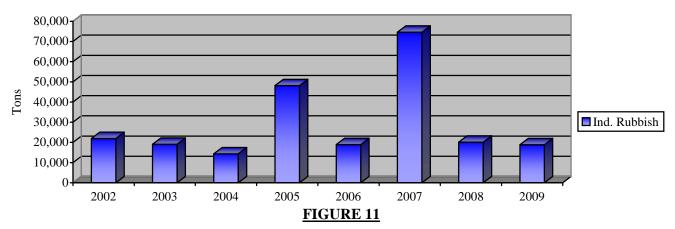
Industrial and Institutional Rubbish Sites are facilities that are designed and constructed to receive class I and/or class II rubbish wastes from industrial or institutional sources for disposal. These disposal facilities are generally owned and operated by the industry or institution that generates the wastes and are categorized as either class I or class II rubbish sites depending upon the types of waste disposed. There were 16 permitted industrial or institutional rubbish sites, 4 of which were inactive during Calendar Year 2009. According to the annual reports submitted by the owners/operators, a total of 18,881 tons of solid wastes were disposed of at the 12 active industrial rubbish sites during Calendar Year 2009.

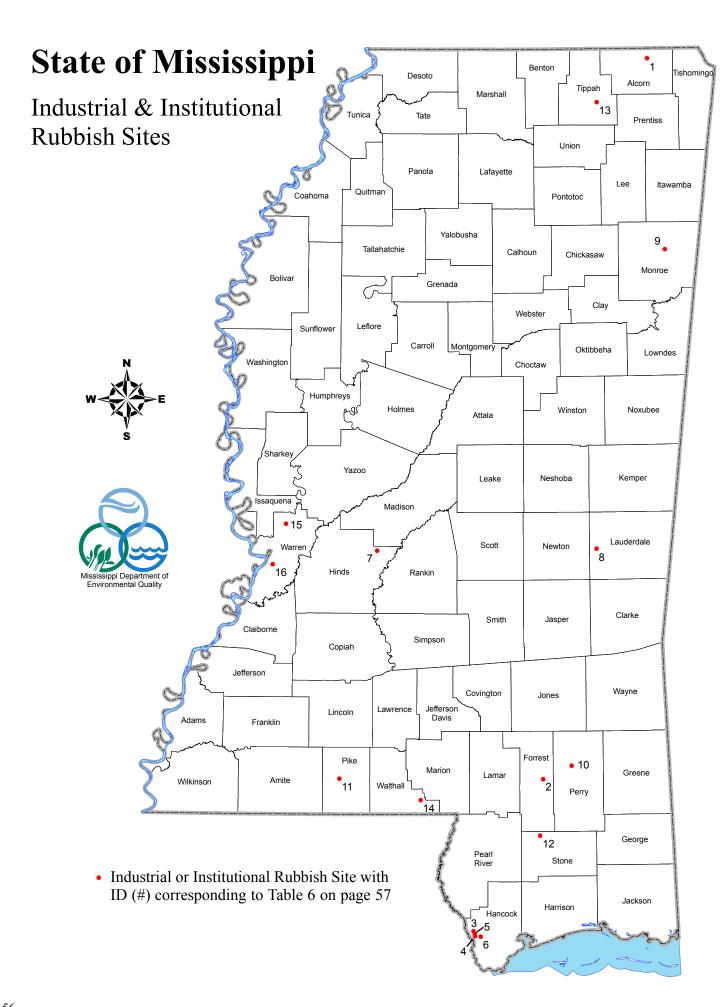
The annual report on the solid waste disposal activity conducted at each rubbish site is required by Section VI.E.16 of the Mississippi Nonhazardous Solid Waste Management Regulations, ACT 7.S-1 of Statewide General Permit No. SWGP-R1 for class I rubbish sites, and ACT 7.S-1 of Statewide General Permit No. SWGP-R2 for class II rubbish sites. This report contains a summary of 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 2009 for all non-commercial rubbish sites in Mississippi. 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 2009, Mississippi industrial and institutional landfills received approximately 1,242 tons less solid waste than during Calendar Year 2008 (see <u>Figure 11</u> below).



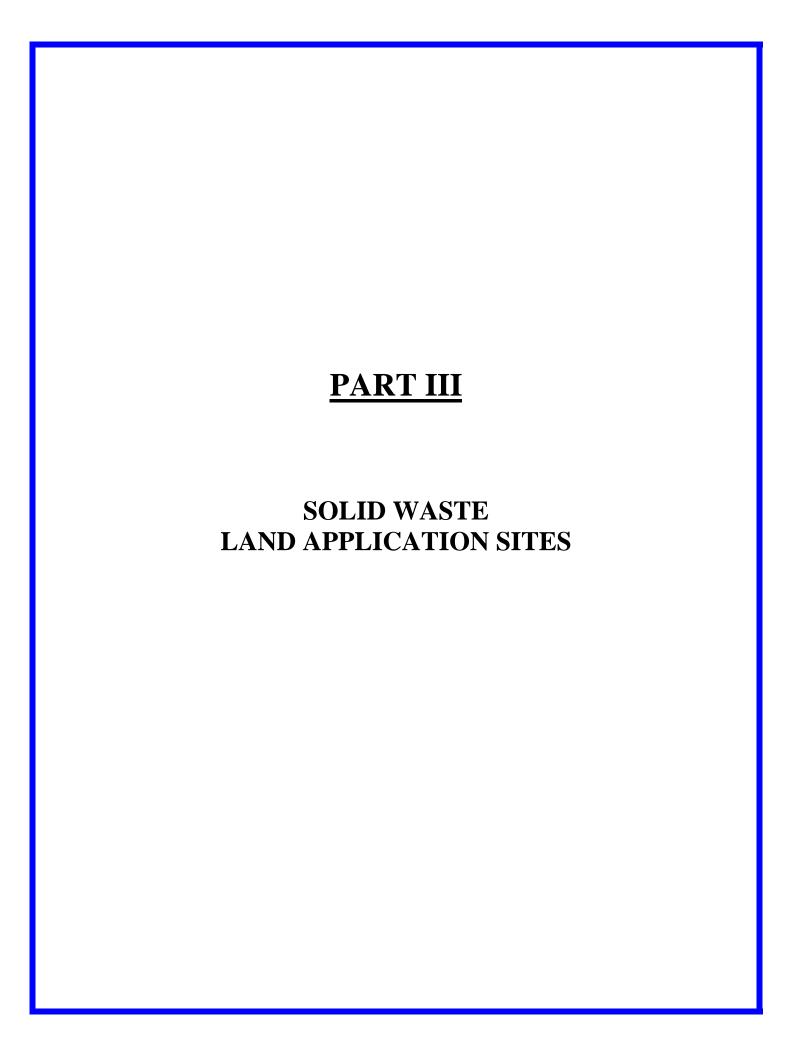


<u>TABLE 6</u>
Disposal Information on Industrial and Institutional Rubbish Sites
Calendar Year 2009

(I)	(II) County	(III) Name of Facility	(IV) Owner	(V) Type	Total	VI) Waste eived	(VII) Est. Life Remaining	
					tons/year	tons/day*	years	acres
1	Alcorn	Gateway Corp. Rubbish Site	Gateway Corporation	Class I	181	1	25	8
2	Forrest	Camp Shelby Andrews Rd. Facility	MMD, Camp Shelby	Class II	2,513	10	16	3
3	Hancock	Stennis Space Center C&D Site	Natl. Aer. & Space Admin.	Class II	6,178	24		
4	Hancock	Stennis Space Center Veg. Site 1	Natl. Aer. & Space Admin.	Class II	INACTIVE			2
5	Hancock	Stennis Space Center Veg. Site 2	Natl. Aer. & Space Admin.	Class II	INACTIVE			1
6	Hancock	Stennis Space Center Veg. Site 3	Natl. Aer. & Space Admin.	Class II	INACTIVE			2
7	Hinds	Tri-State Brick Rubbish Site	Tri-State Brick & Tile Co.	Class II	1,615 6		5	7
8	Lauderdale	Mid South Lumber Rubbish Site	Mid South Lumber, Inc.	Class II	INAC	CTIVE		44
9	Monroe	FFM Rubbish Site	Furniture Frame Manufacturers	Class II	1,000	4	25	6
10	Perry	Leaf River NE Rubbish Site	Leaf River Cellulose	Class II	563	2	6	13
11	Pike	Great Am. Class II Rubbsih Site	Great Am. Wirebound Box Co.	Class II	1,718	7	3	
12	Stone	DeSoto Treated Mat. Rubbish Site	DeSoto Treated Materials	Class I	5	0	9	5
13	Tippah	Hankins Inc. Rubbish Site	Hankins Inc.	Class II	1,630	6	1	1
14	Walthall	Jones Lumber Co. Rubbish Site	Jones Lumber Co. Inc.	Class II	3,393	13	9	5
15	Warren	Redwood Class II Rubbish Site	Anderson-Tully Lumber Co.	Class II	20	0	31	
16	Warren	U.S. Army Waterways Rubbish Site	U.S. Army Corps of Engineers	Class II	65	0.3	7	0

Total 18,881 73

^{*} Tons per day calculated using 260 days/year



Solid Waste 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 29 permitted land application sites, 15 of which were inactive during Calendar Year 2009. According to the submitted annual reports, a total of approximately 29,209 dry tons of solid waste was land applied during Calendar Year 2009 at 14 active land application sites in Mississippi. Approximately 46.37% (13,543 dry tons) of the total waste applied during Calendar Year 2009 was municipal wastewater sludge (biosolids) and the remaining 53.63% (15,666 dry tons) was waste other than municipal wastewater sludge such as pulp and paper mill sludge, wood ash, and other materials.

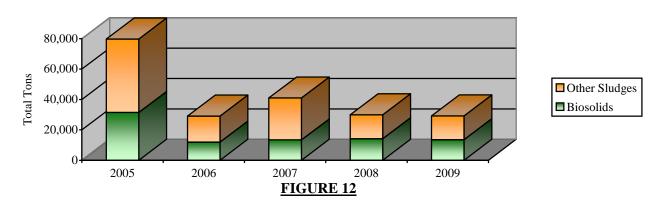
An annual report on activities conducted at each land application site is required by the individual facility permit conditions. This report contains summary information on the activities conducted at the permitted land application sites in Mississippi during Calendar Year 2009. The report includes the 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 2009 for land application sites. The information is listed alphabetically by the County in which the site is located.

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

Land Application Trends

Data in this report indicates that during 2009, Mississippi land application sites received approximately 721 tons less solid waste than during Calendar Year 2008 (see <u>Figure 12</u> below).



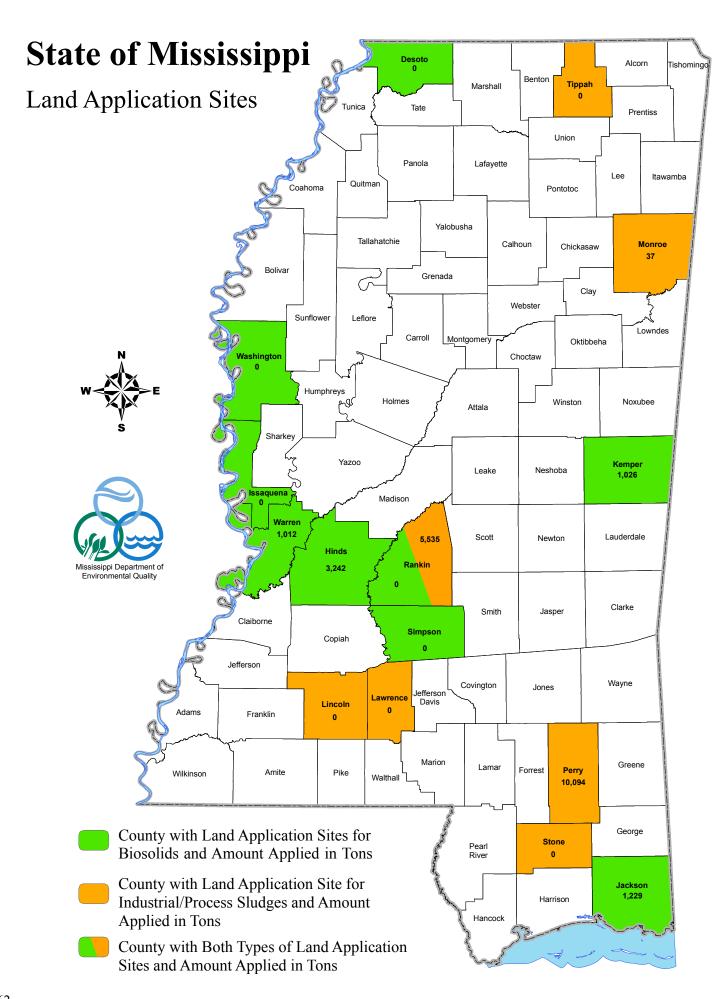
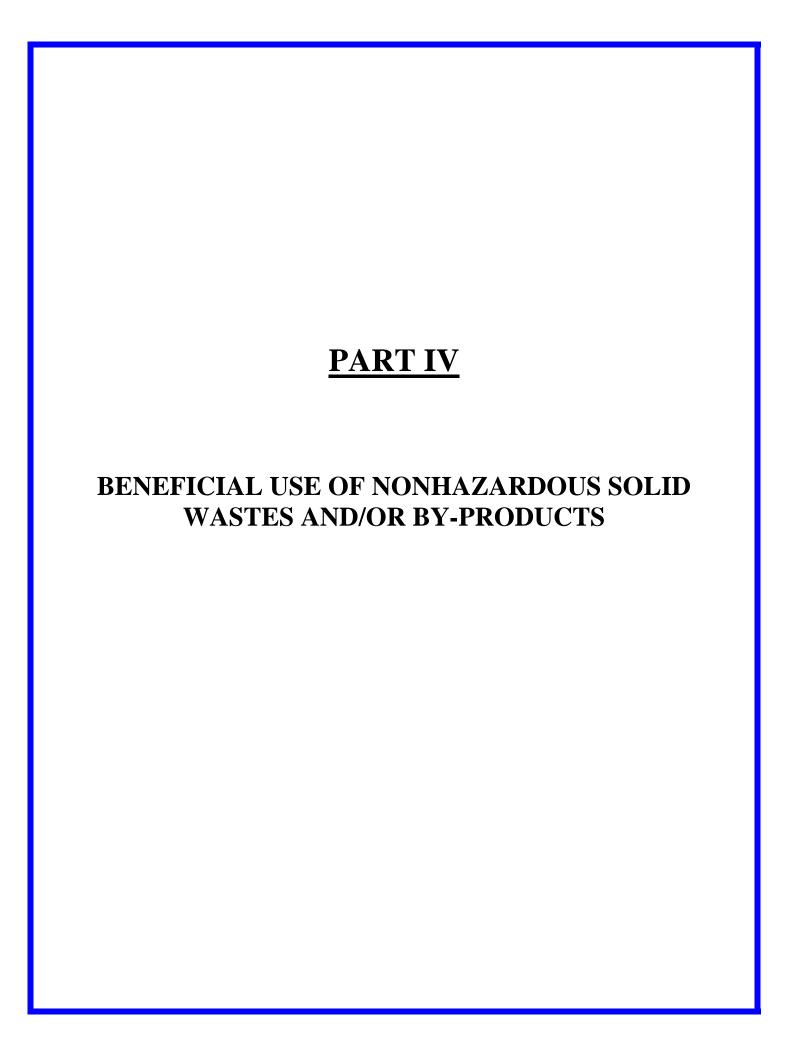


TABLE 7
Operational Information on Land Application Facilities
Calendar Year 2009

(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	1,092
SW0170030545	Desoto	Desoto Co. RUA Land App. Site	Desoto Co. Reg. Utility Auth.	821	Biosolids	INACTIVE
SW0150030501	Copiah	Fisher Landfarm Site A	City of Jackson	152	Biosolids	INACTIVE
SW0150030511	Copiah	Fisher Landfarm Site B	City of Jackson	109	Biosolids	INACTIVE
SW0230030364	Hancock	Breaux Landfarm	Breaux Services, Inc.	1,096	Biosolids	4,886
SW0250030468	Hinds	Berry Property	City of Jackson	245	Biosolids	1,056
SW0250030493	Hinds	Holmes Property	City of Jackson	382	Biosolids	INACTIVE
SW0250030485	Hinds	Mason Property	City of Jackson	65	Biosolids	INACTIVE
SW0250030528	Hinds	Sullivan Property	City of Jackson	250	Biosolids	836
SW0250030486	Hinds	Varnado Property	City of Jackson	63	Biosolids	INACTIVE
SW02501A0005	Hinds	Byram Landfarm	City of Jackson	299	Biosolids	INACTIVE
SW02501C0420	Hinds	Byram Landfarm - South	City of Jackson	453	Biosolids	1,441
SW0250030464	Hinds/Rankin*	Jackson Biosolids Benificial App. Fac.	City of Jackson	746	Biosolids	965
SW0280030502	Issaquena	Darden Landfarm Site A	City of Jackson	703	Biosolids	INACTIVE
SW0280030512	Issaquena	Darden Landfarm Site B	City of Jackson	24	Biosolids	INACTIVE
SW0300030411	Jackson	West Jackson Co. Land App. Site	MS Gulf Coast Reg. W/W Auth.	160	Biosolids	1,229
SW0350030431	Kemper	Breaux Services Kemper Co. Landfarm	Breaux Services, Inc.	513	Biosolids	1,026
SW0390030461	Lawrence	GEO Specialty Land App. Fac.	GEO Specialty Chemicals, Inc.	9	Processed Silica	INACTIVE
SW0430030534	Lincoln	Brookhaven Land App. Facility	City of Brookhaven	17	Biosolids	INACTIVE
Authorized	Monroe	Georgia Gulf Chem. Land App. Fac.	Georgia Gulf Chemicals		Iron Sludge	37
SW0560030348	Perry	Leaf River Cellulose Land App. Fac.	Leaf River Cellulose, LLC	43,560	Ash/Paper Sludge	10,094
SW0610030541	Rankin	Rankin Co. Land App. Site	Terra Renewal Services, Inc	1,410	Poultry Sludges	1,428
SW0610030525	Rankin	McLauren, et al. Land App. Site	Terra Renewal Services, Inc	396	Poultry Sludges	3,712
SW0610030470	Rankin	TRS Land App. Site	Terra Renewal Services, Inc	836	Poultry Sludges	395
SW0640030495	Simpson	D'Lo Land App. Fac.	Town of D'Lo	3	Biosolids	INACTIVE
SW0660030510	Stone	Desoto Treated Mat. Land App. Fac.	Desoto Treated Materials, Inc.	10	Wood Ash	INACTIVE
SW0700020478	Tippah	Hankins Inc. Land App. Fac.	Hankins, Inc.	30	Wood Ash	INACTIVE
SW0750030473	Warren	Vicksburg Bioslids Beneficial App. Fac.	City of Vicksburg	1,264	Biosolids	1,012
SW0760030531	Washington	Greenville Land App. Site	City of Greenville	272	Biosolids	INACTIVE

Total	29,209
Total Biosolids	13,543
Total Other Sludges	15,666

^{*}Permitted facilty is comprised of 3 sites in Hinds Co. and 1 site in Rankin Co. No waste applied in Rankin County site during 2009.



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

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

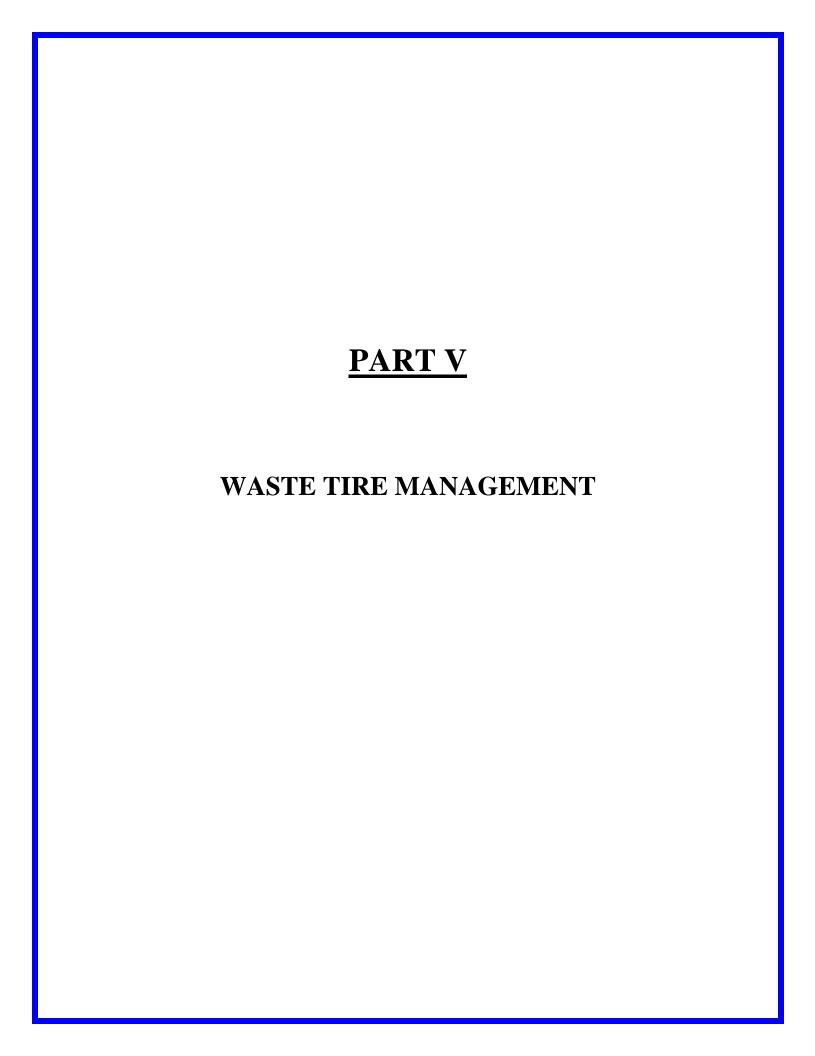
There were a total of 20 approved beneficial use determinations in Mississippi during Calendar Year 2009. According to the annual reports submitted, 13 BUD holders distributed a total of approximately 604,446 tons of by-products including lime mud, wood ash, coal ash, gypsum, calcium carbonate and dewatered fiber sludges for construction or soil amendment purposes. Approximately 94.73% (572,614 tons) of the materials distributed went into construction uses and the remaining 5.27% (31,832 tons) was used in soil amendment applications. The data indicates that during 2009, Mississippi BUD holders used approximately 395,786 tons more by-products than during Calendar Year 2008.

Each person, business or organization that holds a Beneficial Use Determination from MDEQ is required to submit an annual report on the beneficial use activities in Mississippi involving their by-product under Section IV 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 2009. The information is listed numerically by the BUD tracking number.

<u>TABLE 8</u> Operational Information on Industrial By-Product Distribution Calendar Year 2009

(I)	(II)	(III)	(IV)	(V)
Tracking Number	BUD Holder	By-Product Material	Use of By-Product Material	Quantiy of By-Product Material Distributed
0002	Georgia Pacific, Monticello	Lime Mud	Soil Amendment	232
0003	Georgia Pacific - Leaf River Cellulose, LLC	Lime Mud	Soil Amendment	16,752
0009	Nucor Steel - Carbide Lime	Lime Mud	Construction	2,957
0014	Nature Gardens	Lime Substitute	Soil Amendment	INACTIVE
0015	North American Coal-Red Hills Mine	Coal Ash	Construction	545,957
0018	Tri-State Lumber Company	Wood Ash	Soil Amendment	INACTIVE
0021	Norbord Industries, Inc.	Wood Ash	Soil Amendment	INACTIVE
0023	Recmix of PA, Inc.	Lime By-Product	Soil Amendment	INACTIVE
0024	Recmix of PA, Inc.	Lime By-Product	Soil Amendment	INACTIVE
0025	LA Ash, Inc.	Coal Ash	Construction	4,612
0026	Georgia Pacific - Leaf River Cellulose, LLC	Wood Ash	Soil Amendment	95
0027	Masonite Corporation	Dewatered Fiber	Soil Amendment	38
0028	Masonite Corporation	Wood Ash	Soil Amendment	39
0029	Intrinergy	Wood Ash	Soil Amendment	1,011
0030	Bailey & Sons	Wood Ash	Soil Amendment	4,098
0031	PACCAR Engine Company	Coal Ash	Construction	19,088
0032	Southern Company	Flue Gas Desulferazation Gypsum	Soil Amendment	150
0033	American Sugar Refining, Inc.	Lime By-Product	Soil Amendment	9,416
0034	City of Columbus Light and Water Department	Iron Oxide	Soil Amendment	INACTIVE
0035	Georgia Pacific Consumer Products LP	Lime Mud	Soil Amendment	INACTIVE

2.614
1,832



Waste Tire Management

In a 2005 a report by the Rubber Manufactures Association (*Scrap Tire Markets in the United States*, 8th Biennial Report) estimated that the U.S. generates approximately one waste tire per person per year. Based on current U.S. Census population estimates, this means that approximately 3 million waste tires were generated in Mississippi during Calendar Year 2009. The Mississippi Waste Tire Management Program administers state rules and regulations for the collection, transportation, storage, processing, recycling and disposal of these waste tires and is tasked by the state legislature with promoting the goal of statewide waste tire recycling. Prior to the adoption of state regulations in 1991, many waste tires were disposed of in landfills or illegal dumps. However, the majority of the waste tires generated in Mississippi annually are currently properly managed and recycled.

The Mississippi Waste Tire Management Regulations and the Mississippi Waste Tire Transportation Regulations require persons and businesses to properly manage waste tires. Waste tire haulers involved in the transportation of waste tires from generators to end users are required to annually report the number of waste tires transported. Commercial waste tire collectors and processors are required to report information on the source and quantity of waste tires managed each month. This report contains summary information on waste tire management activities conducted by waste tire transporters, collectors and processors in Mississippi during Calendar Year 2009.

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 processing and recycling facilities. During Calendar Year 2009, there were a total of 112 licensed waste tire haulers in Mississippi that reportedly managed a total of approximately 5.5 million waste tires. Of the total number of haulers, 51 were commercial haulers authorized to collect waste tires from various retail tire stores, automobile salvage yards, and other waste tire generators and accounted for approximately 95% of the waste tire collected. The remaining 61 waste tire haulers were private haulers, only transporting the waste tires they generate through their normal business operations. In-state based haulers imported approximately 2.4 million waste tires and out-of-state based commercial haulers transported approximately 460,000 waste tires to other states.

Collection

There were a total of 156 authorized local government and commercial waste tire collection sites in Mississippi during Calendar Year 2009. As required by state law, local governments operated a total of 150 drop-off centers to collect waste tire generated by small quantity generators, including local citizens and small businesses producing ten or less waste tire per week. During 2009, these sites managed approximately 641,529 passenger tires equivalents (PTE's*) and approximately 95% of these waste tires were recycled. In 2009, there were also 5 active commercial waste tire collection sites accepting waste tires. These commercial sites collected approximately 240,200 PTE's and all of these tires were recycled at in-state processing facilities.

Recycling and Disposal

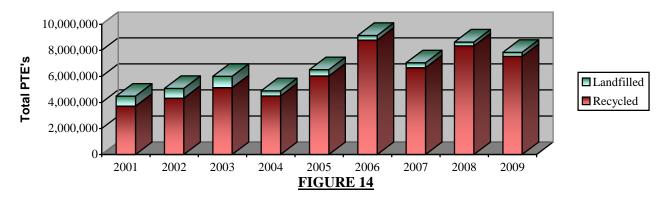
In 2009 there were a total of 5 permitted waste tire processing facilities in Mississippi. These sites are required to process waste tires in accordance with minimum standards set by state law prior to sending the end products for further recycling, energy recovery, or disposal. These facilities reported receiving a total of 7,853,014 PTE's (88,346 tons) of waste tires. Approximately, 48.67% of the tires processed were imported into Mississippi from out-of-state. Of the total number of tires processed, approximately 96.03% were recycled for use in rubber derived products or as a supplemental fuel source. These reports also showed that approximately 92.18% of the waste tires generated in Mississippi were recycled. A total of approximately 7,537,967 PTE's were processed for recycling purposes and 312,020 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 2009. The report includes the following information:

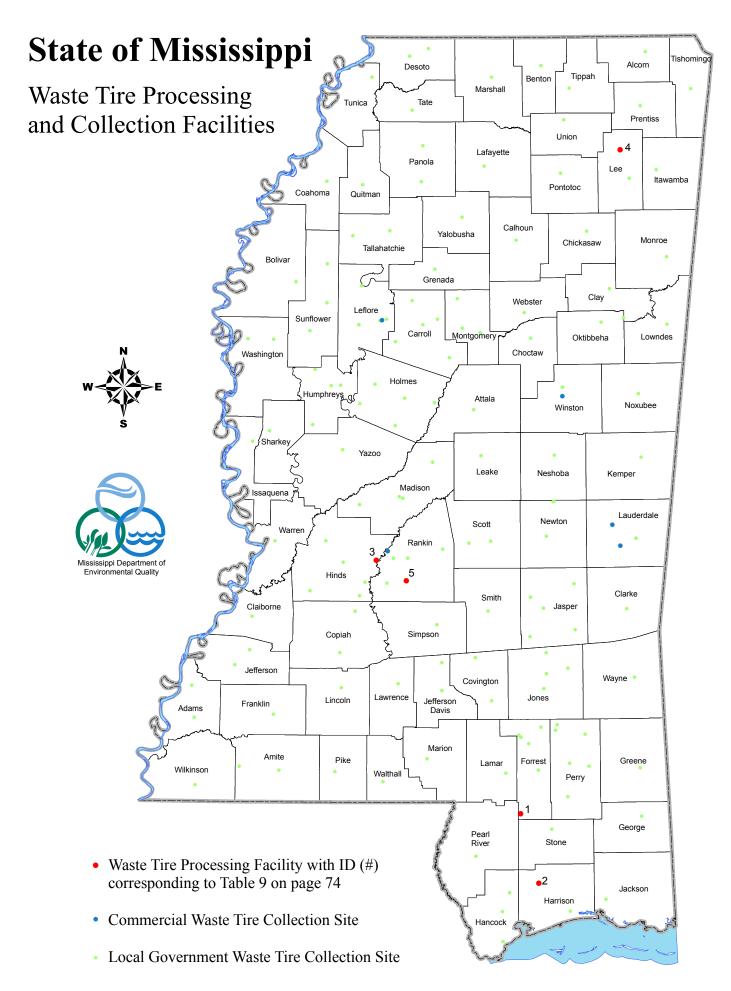
- 1. A state map the showing locations of commercial waste tire processing facilities (and also commercial and local government waste collection sites); and
- 2. A summary of operational information contained in the monthly reports for Calendar Year 2009 for commercial waste tire processing facilities. 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 2009, Mississippi waste tire processing facilities managed 797,498 PTE's less waste tires than during Calendar Year 2008 (see <u>Figure 14</u> below).



*This report estimates that each waste passenger (and light truck) tire weighs approximately 22.5 pounds, each waste commercial (truck) tire weighs approximately 110 pounds, and that the average weight of all waste tires generated is approximately 33 pounds (approximately 88% passenger tires and 12% commercial tires). For 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.



<u>TABLE 9</u>
Operational Information on Commercial Waste Tire Processing Facilities
Calendar Year 2009

(I)	(II)	(III)	(IV)	(V)	(VI)		(VII)	
ID	D County Name of Facility		Owner	Primary End- Use Market	Total Tires Received		Out of State Tires Received	
				Ose Market	PTE's	Tons	PTE's	%
1	Forrest	Fairley's Tire & Rubber Co.	Wilford Fairley	Disposal	207,461	2,334		
2	Harrion	Triplett's Tire Processing	George Triplett	Disposal	104,559	1,176		
3	Hinds	PolyVulc Tire Recycling	PolyVulc Tire Recycling, LLC	Crumb Rubber	1,943,948	21,869		
4	Lee	Mac's Tire Recyclers	MTR Acquisitions, Inc.	Tire Derived Fuel	5,594,019	5,594,019 62,933		68.32
5	Rankin	Cowboy and Cowgirl Swings	Cowboy and Cowgirl Swings, Inc.	Tire Swings	3,027	34		

Total 7,853,014 88,346 3,821,857 68.32



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