STATE OF MISSISSIPPI

STATUS REPORT ON SOLID WASTE MANAGEMENT FACILITIES AND ACTIVITIES

CALENDAR YEAR 2010



PREPARED BY:

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

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INTRODUCTION

The Mississippi Department of Environmental Quality (MDEQ) developed this status report to provide information on solid waste management activities that were conducted in Mississippi during Calendar Year 2010. 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 2010 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 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 2010 has generally not been verified by the MDEQ for accuracy. For additional information on this Status Report or to review the annual reports for a specific solid waste management facility, please contact:

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

Filolie/Fax. (001) 901-3/20/ (001) 901-3/8.

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 6,482,592 tons of solid waste was received for disposal during Calendar Year 2010 at commercial and non-commercial landfills and rubbish sites. Approximately 51.28% (3,324,298 tons) of the total waste was disposed at commercial landfills, 31.02% (2,010,587 tons) at non-commercial landfills, 17.22% (1,116,455 tons) at commercial rubbish sites, and 0.48% (31,252 tons) at non-commercial rubbish sites (see Figure 1 below).

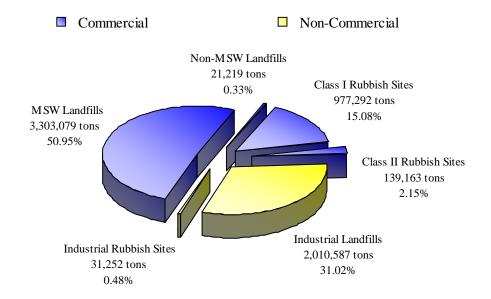
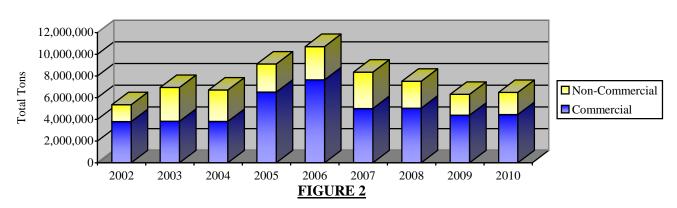


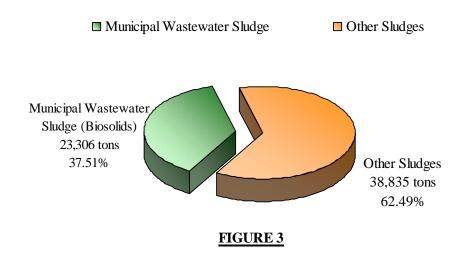
FIGURE 1

This status report also indicates that Mississippi received a total of 732,780 tons of solid waste from out-of-state sources representing approximately 11.30% of the total solid waste that was disposed during Calendar Year 2010. Commercial landfills received approximately 693,301 tons and commercial rubbish sites received approximately 39,479 tons of out-of-state waste. Overall, in 2010, Mississippi solid waste disposal facilities received approximately 171,072 tons more nonhazardous solid waste for disposal than during Calendar Year 2009 (see <u>Figure 2</u> below).



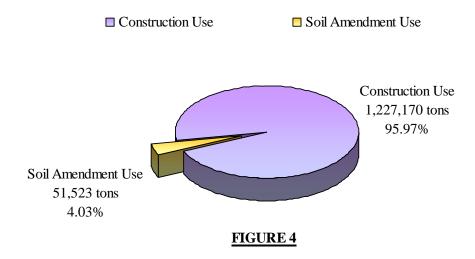
Land Application Sites

The annual reports indicate that a total of approximately 62,141 tons of solid waste was received during Calendar Year 2010 at land application sites. Approximately 37.51% (23,360 dry tons) of the total waste applied was municipal wastewater sludge (biosolids) and the remaining 62.49% (38,835 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).



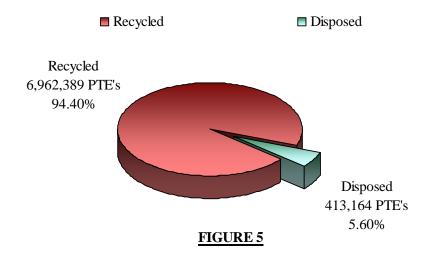
Beneficial Use Determinations

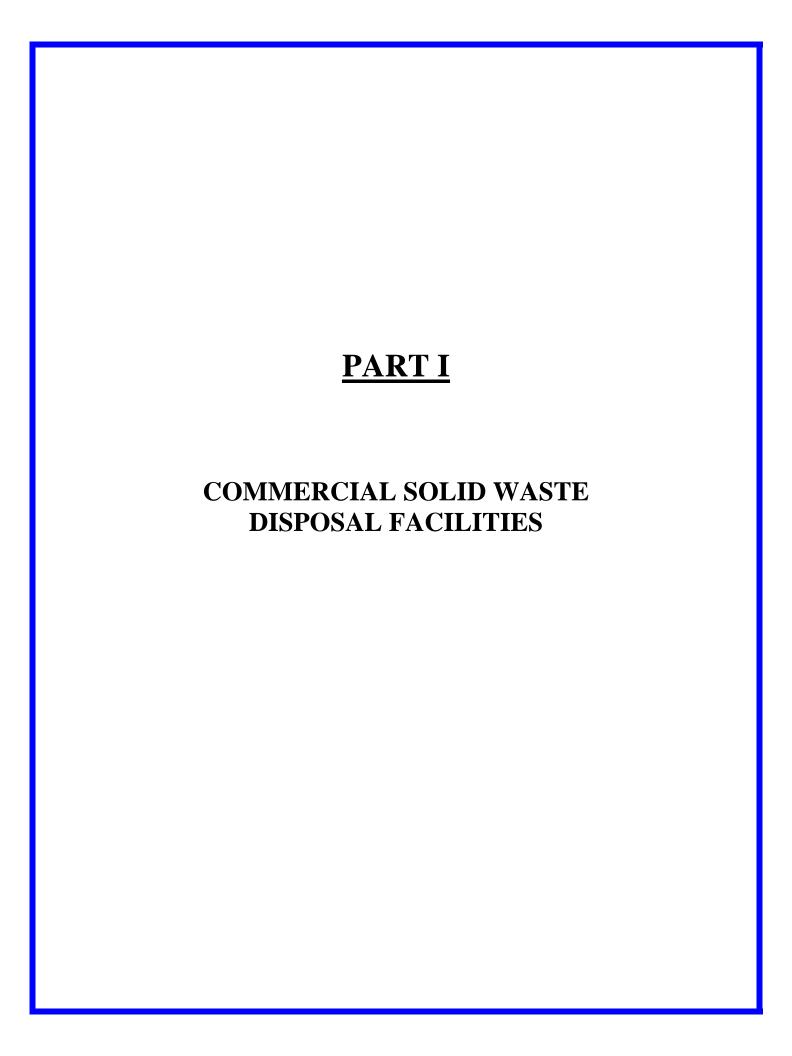
The annual reports indicate that a total of approximately 1,278,693 tons of solid wastes and/or by-products were distributed by Beneficial Use Determination (BUD) holders for legitimate end uses during Calendar Year 2010. Approximately 95.97% (1,227,170 tons) of the by-products distributed were utilized in construction related projects and the remaining 4.03% (51,523 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 7,375,553 PTE's (passenger tire equivalents) were managed in Mississippi during Calendar Year 2010. Approximately 94.40% (6,962,389 PTE's) of the waste tires went to processing facilities that recycle the majority of the waste tire and the remaining 5.60% (413,164 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

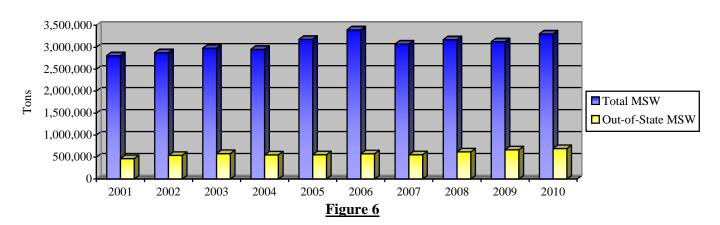
MSW Landfills are disposal facilities that are designed and constructed to receive a wide range of nonhazardous solid wastes for disposal including household garbage, commercial business wastes, nonhazardous industrial wastes, and special wastes such as asbestos or treated medical wastes. There were 19 MSW landfills that operated in the state during Calendar Year 2010. According to the annual reports submitted by the owners/operators, these landfills received a total of 3,303,079 tons of solid waste during Calendar Year 2010.

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 2010 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

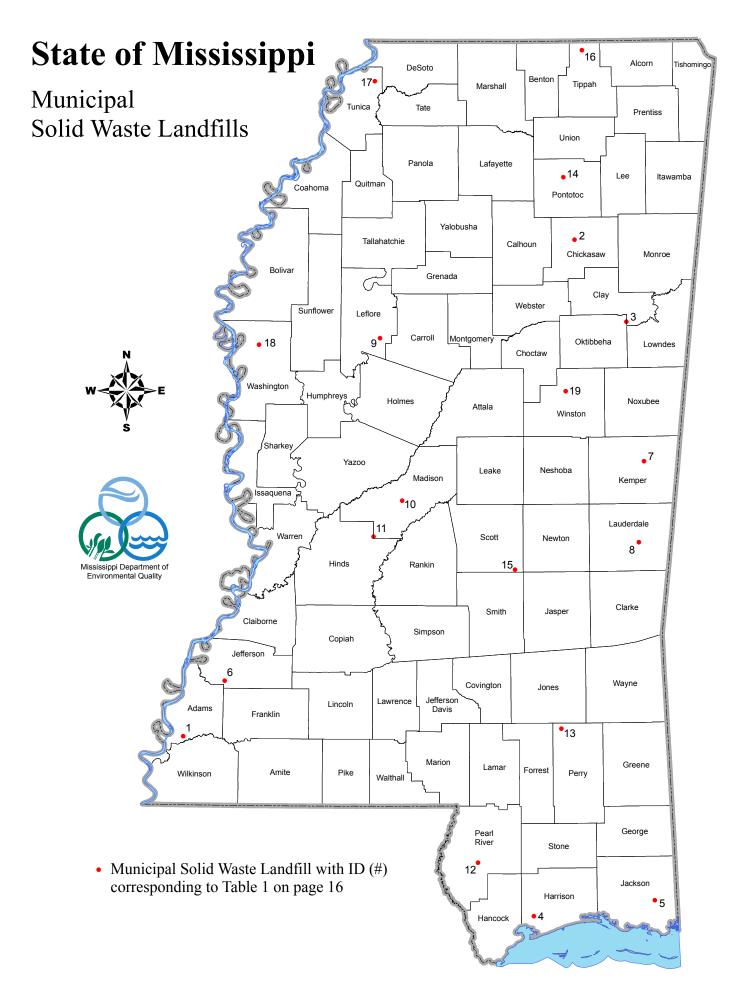
Data in this report indicates that during 2010, Mississippi MSW landfills received approximately 174,345 tons more municipal solid waste for disposal than during Calendar Year 2009 (see <u>Figure 6</u> below).



<u>Figure 7</u> below shows a comparison of the annual disposal amounts for MSW landfills from Calendar Years 2005 through 2010. Over this six year period, the average annual percent change in disposal rates was +0.94% for total MSW, +0.10% for in-state MSW, and +4.73% for out-of-state MSW. The total amount of wastes disposed at MSW Landfills during Calendar Year 2010 represents a 3.88% increase over the total amount of waste received in Calendar Year 2005.

| | <u>CALENDAR YEAR</u> | | | | | | |
|--------------|----------------------|-----------|-----------|-----------|-----------|-----------|----------------------|
| MSW (tons) | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | Avg. Annual % Change |
| Total | 3,179,844 | 3,396,747 | 3,073,408 | 3,171,796 | 3,125,734 | 3,303,079 | 0.94 |
| In-State | 2,626,072 | 2,822,148 | 2,521,174 | 2,553,238 | 2,459,134 | 2,609,777 | 0.10 |
| Out-of-State | 553,772 | 574,599 | 552,251 | 618,557 | 666,600 | 693,301 | 4.73 |

FIGURE 7



 $\frac{TABLE\ 1}{Disposal\ Information\ on\ Municipal\ Solid\ Waste\ Landfills}$ Calendar Year 2010

| (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 | 134,895 | 435 | 21,261 | 15.76 | 43 |
| 2 | Chickasaw | Prairie Bluff Landfill | Waste Mgt. of MS, Inc. | 236 | 119,908 | 387 | 14,992 | 12.50 | 150 |
| 3 | Clay | Golden Triangle Reg. Landfill | Golden Triangle Reg. SWMA | 265 | 144,001 | 465 | 0 | 0.00 | 50 |
| 4 | Harrison | Pecan Grove Landfill | Waste Mgt. of MS, Inc. | 176 | 379,714 | 1,225 | 7,797 | 2.05 | 21 |
| 5 | Jackson | MacLand Disposal Center Landfill** | MacLand Disposal Center, Inc. | 70 | 215,357 | 695 | 134,216 | 62.32 | 13 |
| 6 | Jefferson | Jefferson Co. Landfill | Southern Landfill Mgt. Inc. | 177 | 64,765 | 209 | 2,071 | 3.20 | 132 |
| 7 | Kemper | Kemper Co. Solid Waste Landfill | Kemper Co. Landfill Company | 20 | 21,423 | 69 | 7,548 | 35.23 | 56 |
| 8 | Lauderdale | Pine Ridge Sanitary Landfill | Waste Mgt. of MS, Inc. | 100 | 114,649 | 370 | 20,257 | 17.67 | 28 |
| 9 | Leflore | Leflore County Landfill | Leflore Co. B.O.S. | 56 | 84,504 | 273 | 0 | 0.00 | 14 |
| 10 | Madison | Canton Sanitary Landfill | City of Canton | 139 | 33,217 | 107 | 0 | 0.00 | 150 |
| 11 | Madison | Little Dixie Landfill | BFI Waste Sys. of N. America | 150 | 351,283 | 1,133 | 1,311 | 0.37 | 17 |
| 12 | Pearl River | Central Landfill | Trans American Waste | 80 | 88,555 | 286 | 46,642 | 52.67 | 88 |
| 13 | Perry | Pine Belt Regional Landfill | Pine Belt SWMA | 49 | 141,309 | 456 | 0 | 0.00 | 8 |
| 14 | Pontotoc | Three Rivers Regional Landfill | Three Rivers SWMA | 207 | 183,450 | 592 | 0 | 0.00 | 55 |
| 15 | Scott | Clearview Env. Control Facility | Chambers of MS, Inc. | 149 | 415,578 | 1,341 | 331 | 0.08 | 44 |
| 16 | Tippah | Northeast MS Regional Landfill | NE Mississippi SWMA | 32 | 279,887 | 903 | 173,494 | 61.99 | 18 |
| 17 | Tunica | Tunica Landfill | Waste Mgt. of Tunica, Inc. | 203 | 345,631 | 1,115 | 261,179 | 75.57 | 51 |
| 18 | Washington | Big River Landfill | BFI Waste Sys. of N. America | 183 | 159,783 | 515 | 1,591 | 1.00 | 95 |
| 19 | Winston | City of Louisville Landfill | City of Louisville | 39 | 25,172 | 81 | 612 | 2.43 | 78 |

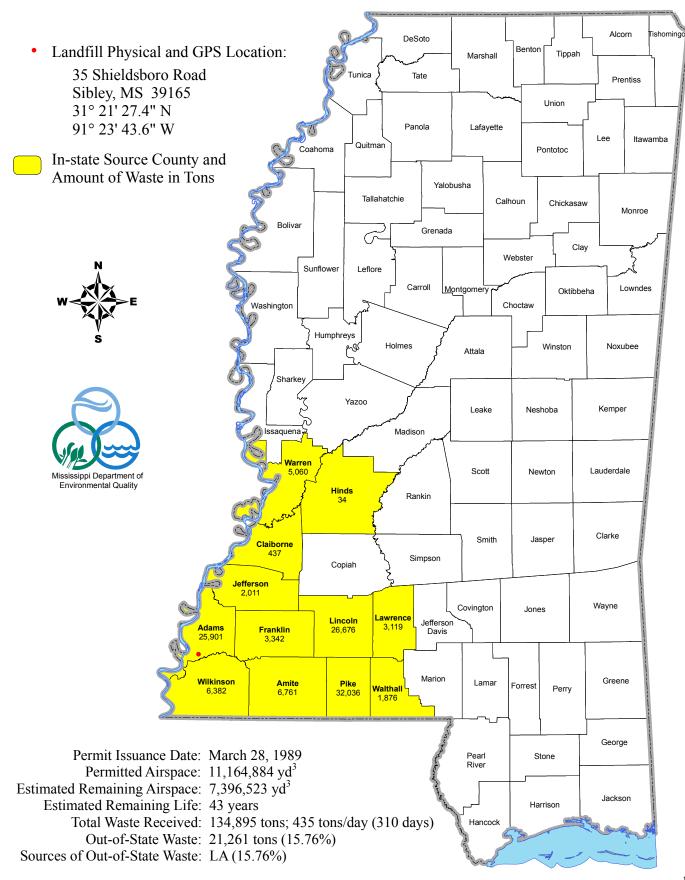
Total 3,303,079 10,655 693,301 20.99

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

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

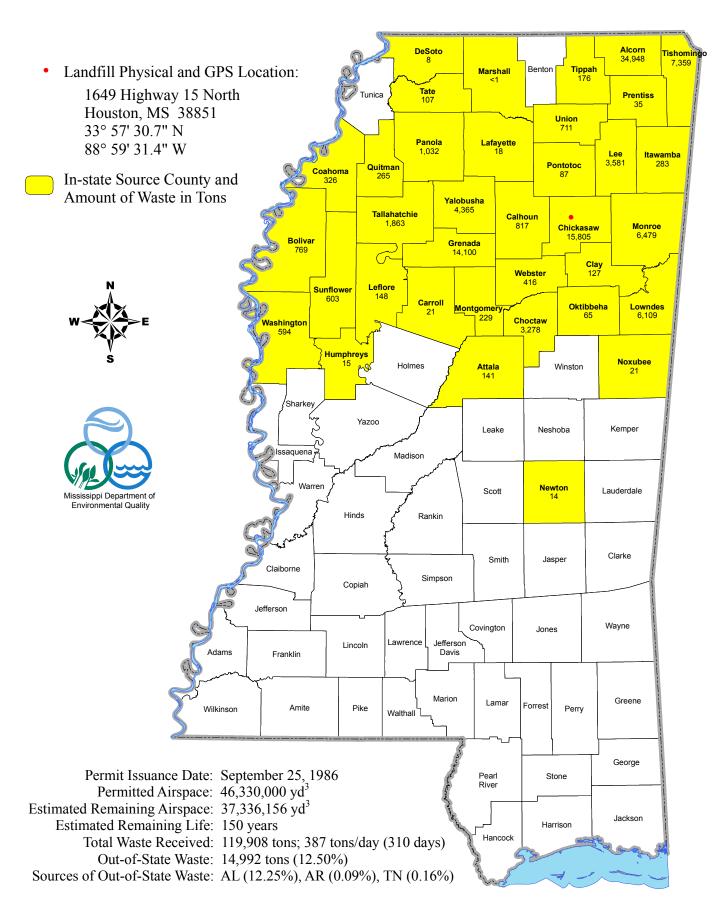
PLANTATION OAKS LANDFILL

Waste Management of Mississippi, Inc.



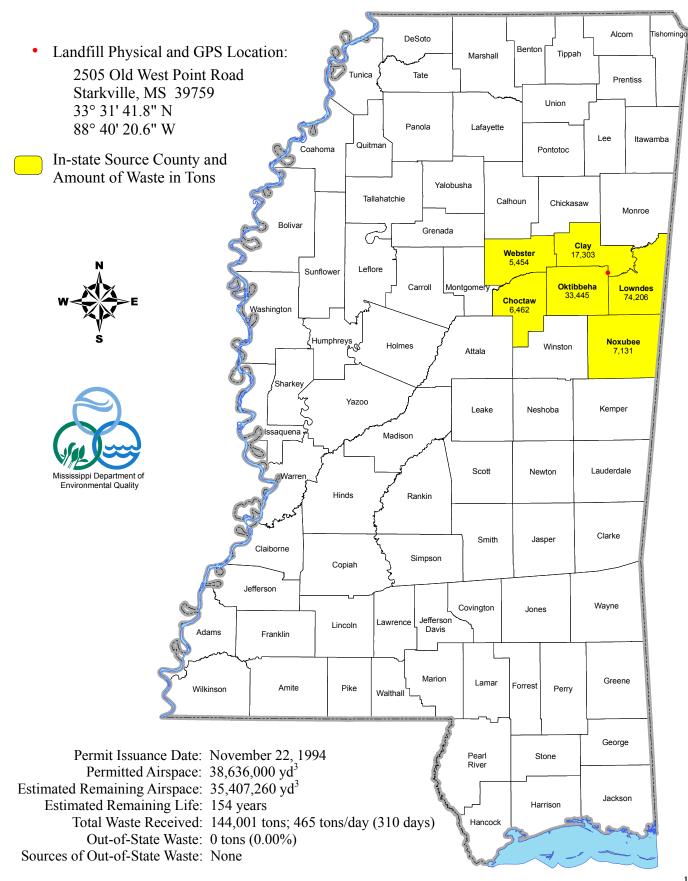
PRAIRIE BLUFF LANDFILL

Waste Management of Mississippi, Inc.



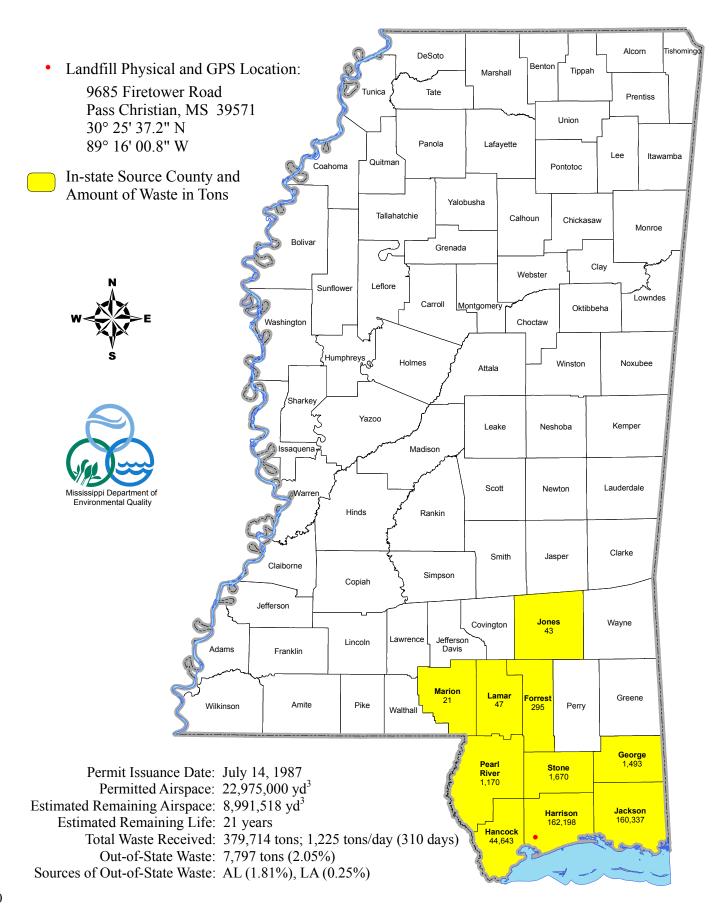
GOLDEN TRIANGLE REGIONAL LANDFILL

Golden Triangle Regional Solid Waste Management Authority



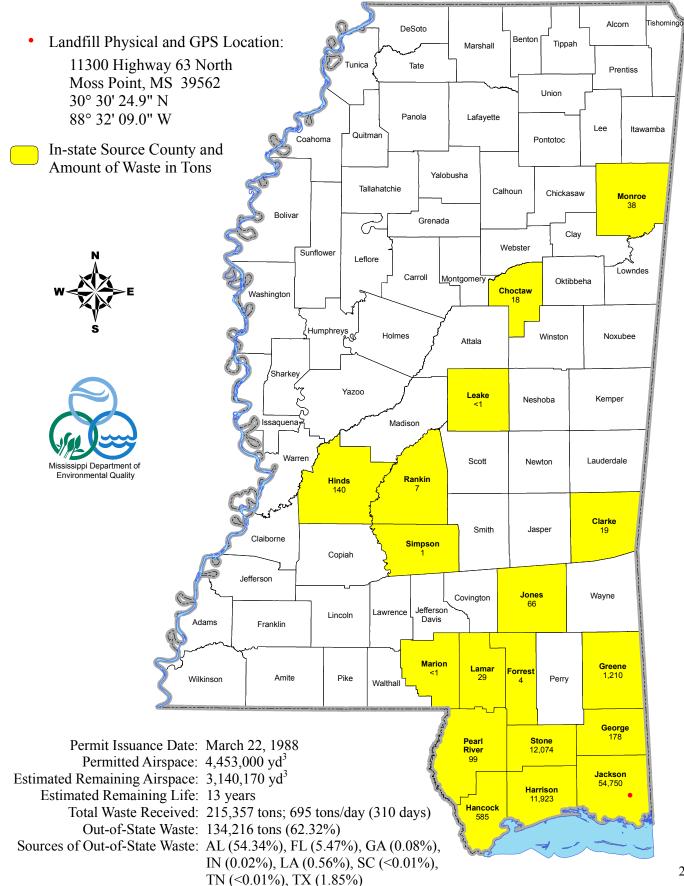
PECAN GROVE LANDFILL

Waste Management of Mississippi, Inc.



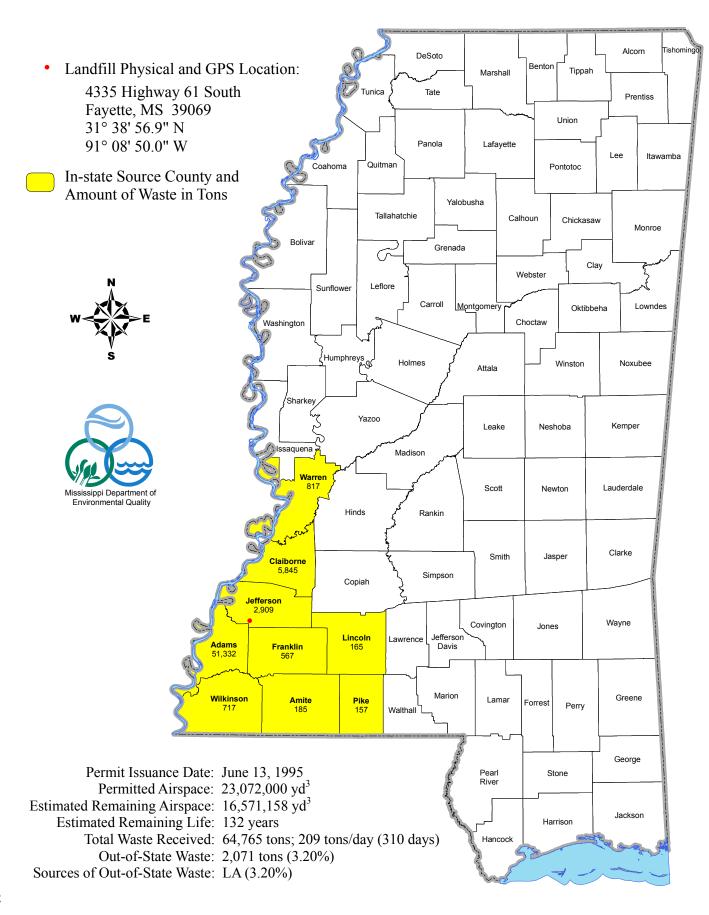
MACLAND DISPOSAL CENTER LANDFILL

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



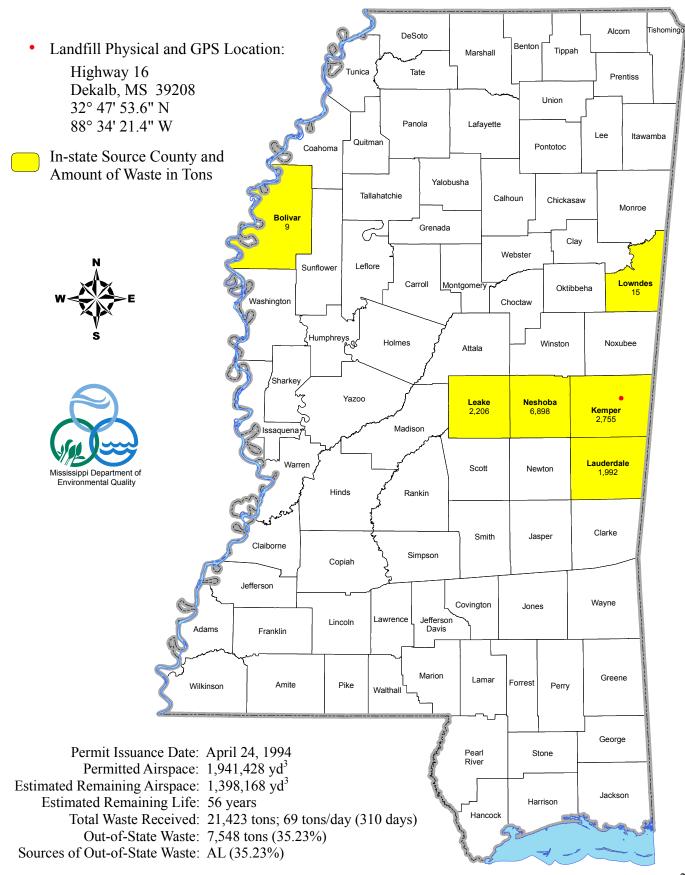
JEFFERSON COUNTY LANDFILL

Southern Landfill Management, Inc.



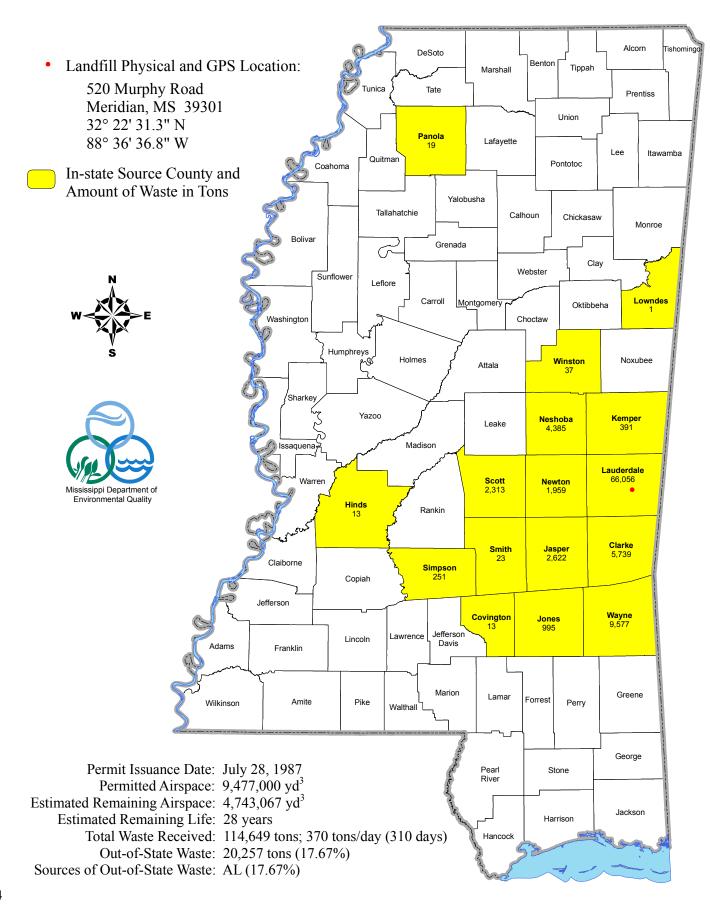
KEMPER COUNTY SOLID WASTE LANDFILL

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



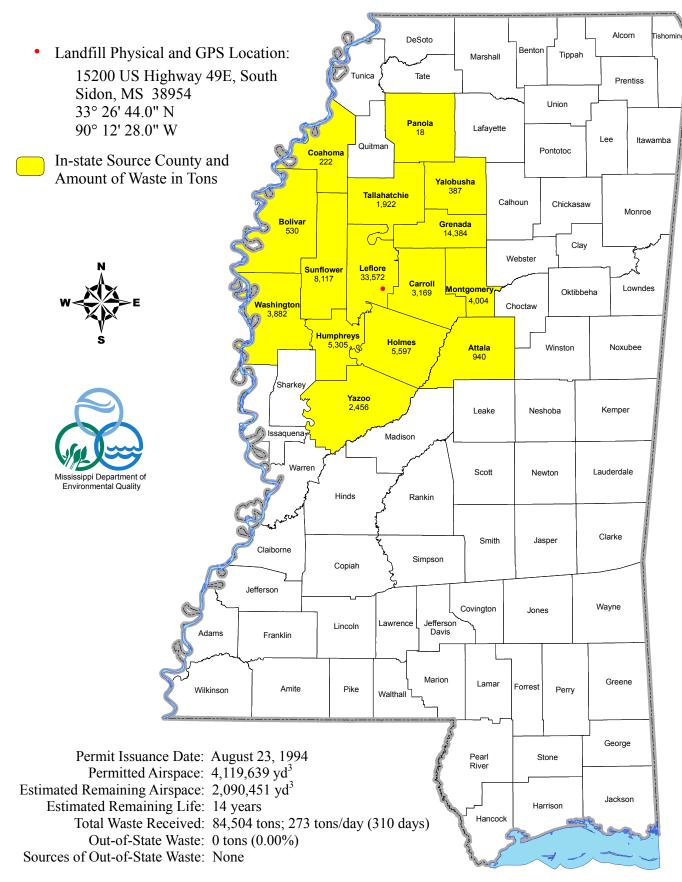
PINE RIDGE SANITARY LANDFILL

Waste Management of Mississippi, Inc.



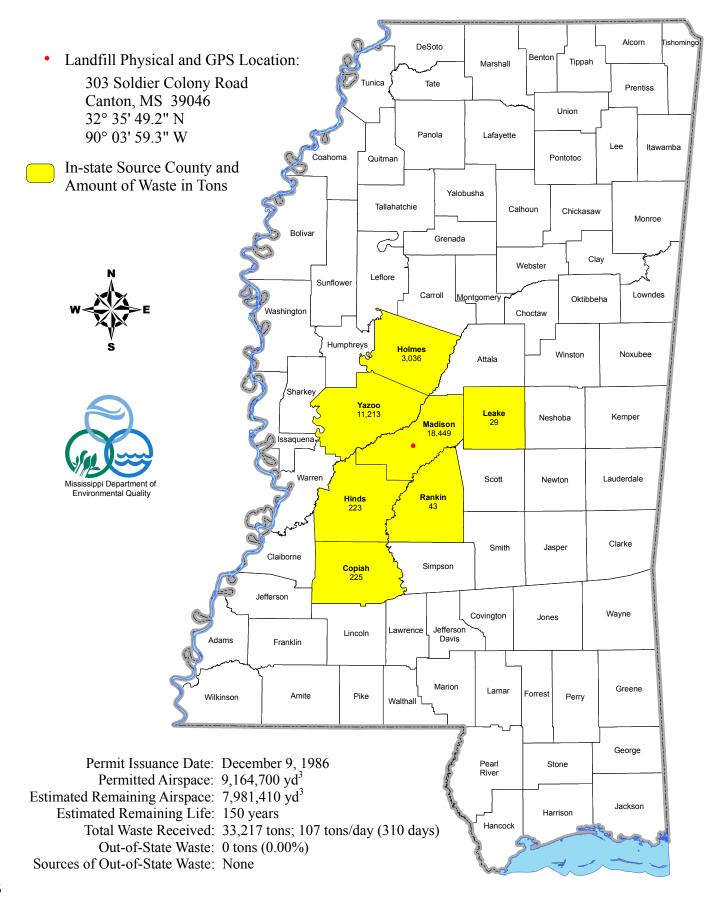
LEFLORE COUNTY MUNICIPAL SOLID WASTE LANDFILL

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



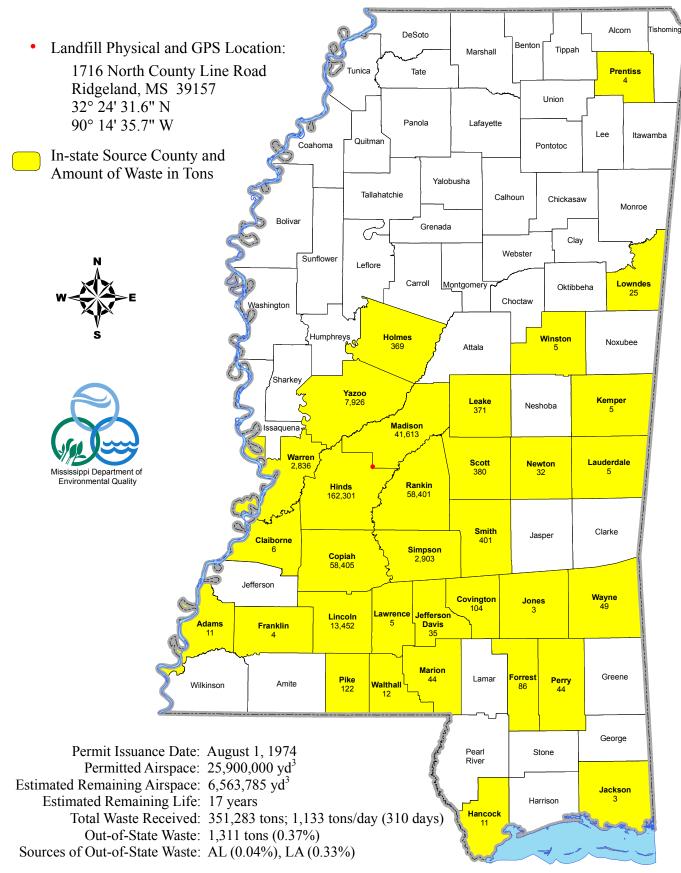
CANTON SANITARY LANDFILL

City of Canton



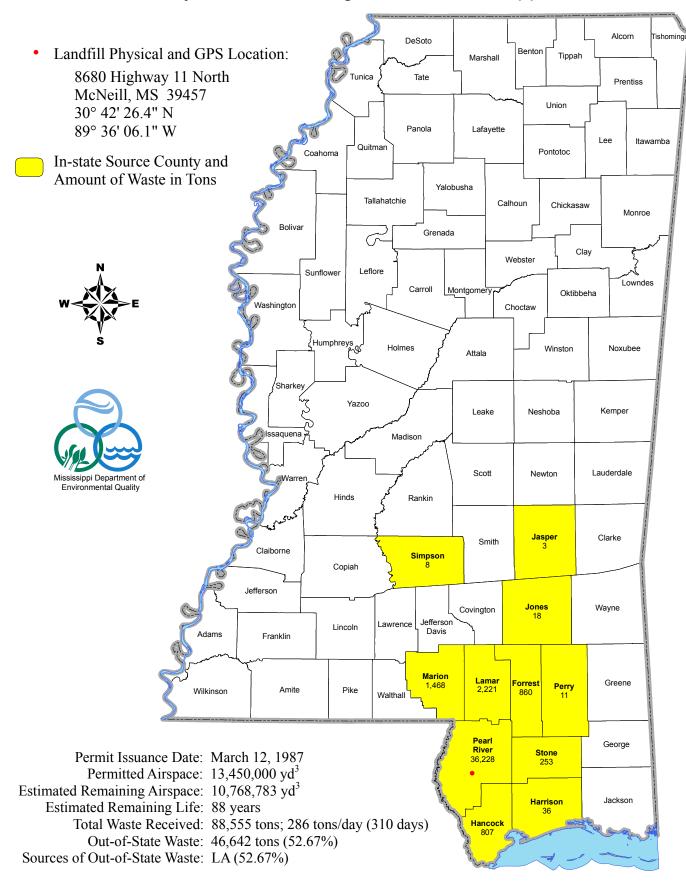
LITTLE DIXIE LANDFILL

BFI Waste Systems of North America, Inc.



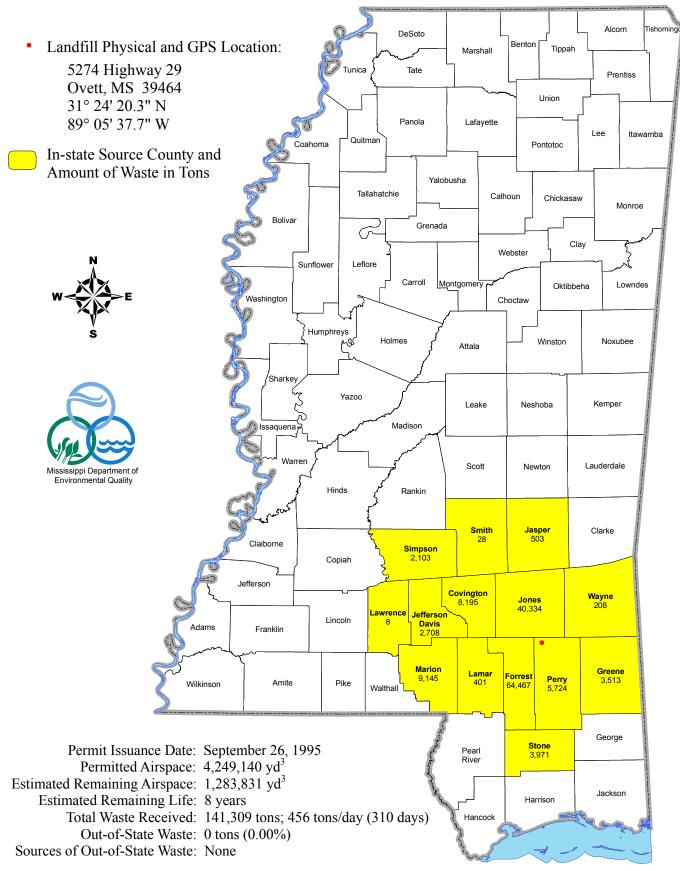
CENTRAL LANDFILL

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



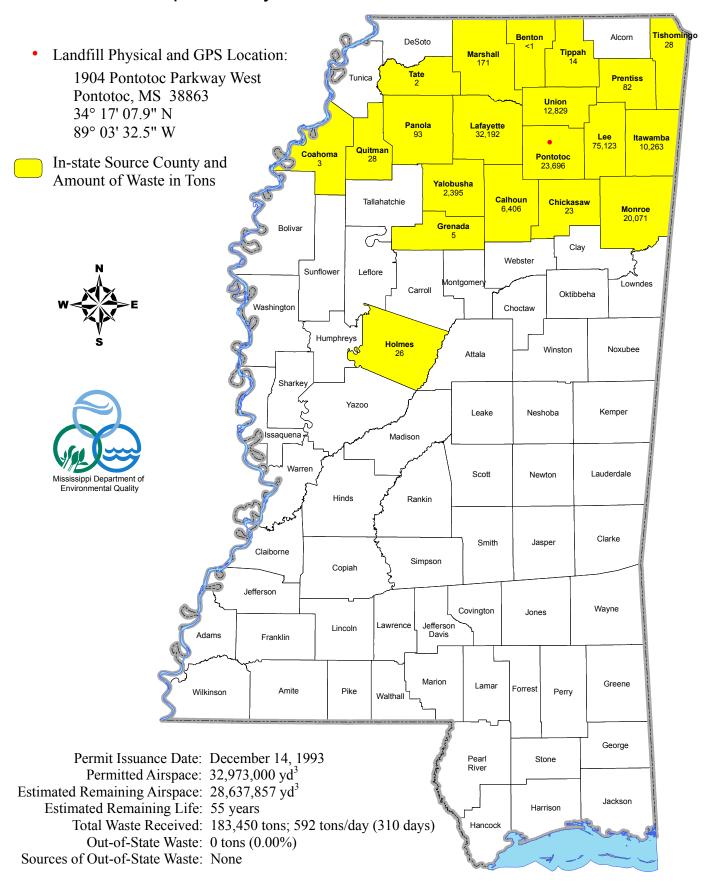
PINE BELT REGIONAL LANDFILL

Pine Belt Solid Waste Management Authority



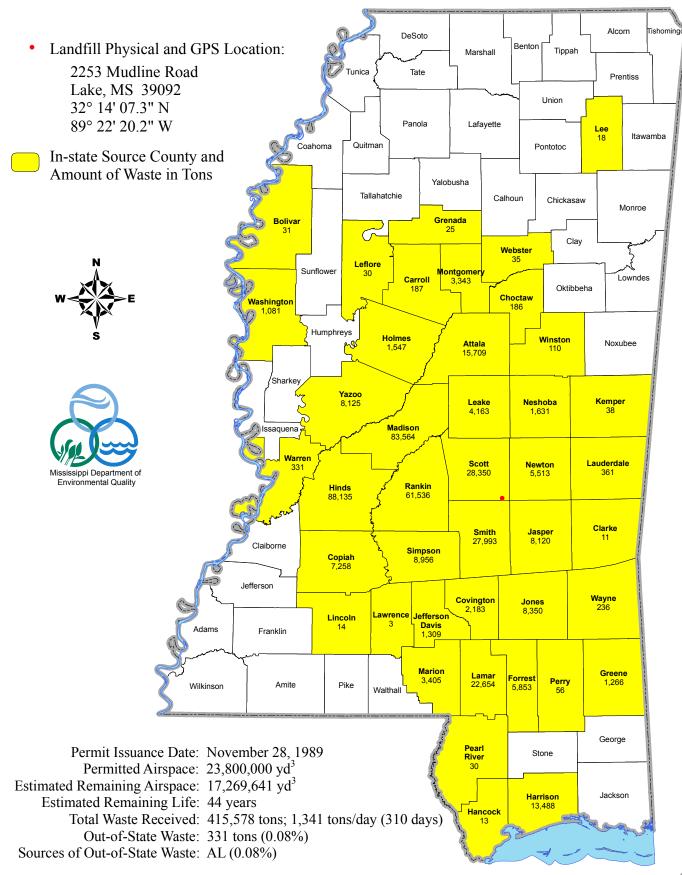
THREE RIVERS REGIONAL LANDFILL

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



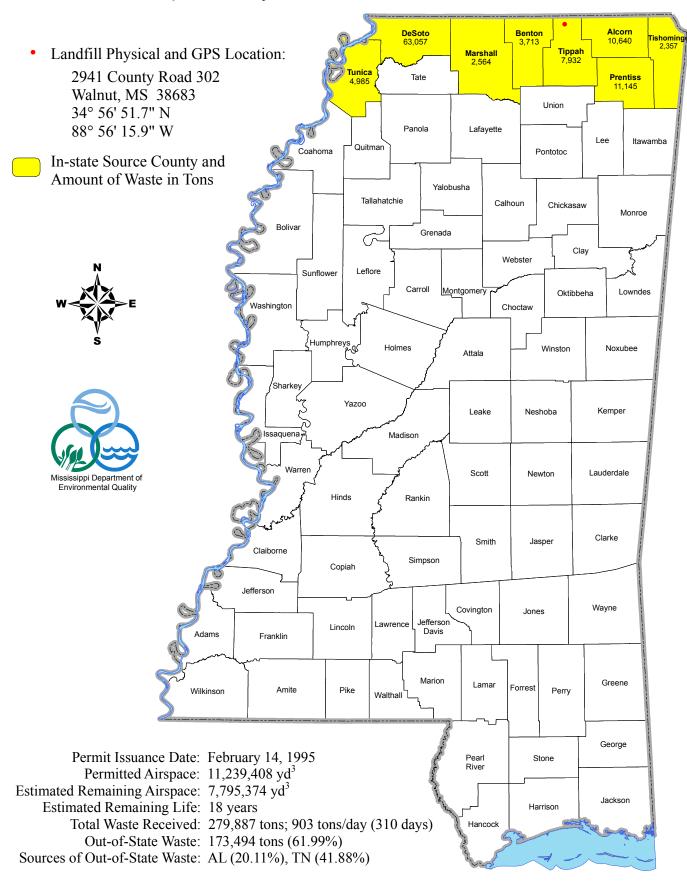
CLEARVIEW ENVIRONMENTAL CONTROL

Chambers of Mississippi, Inc.



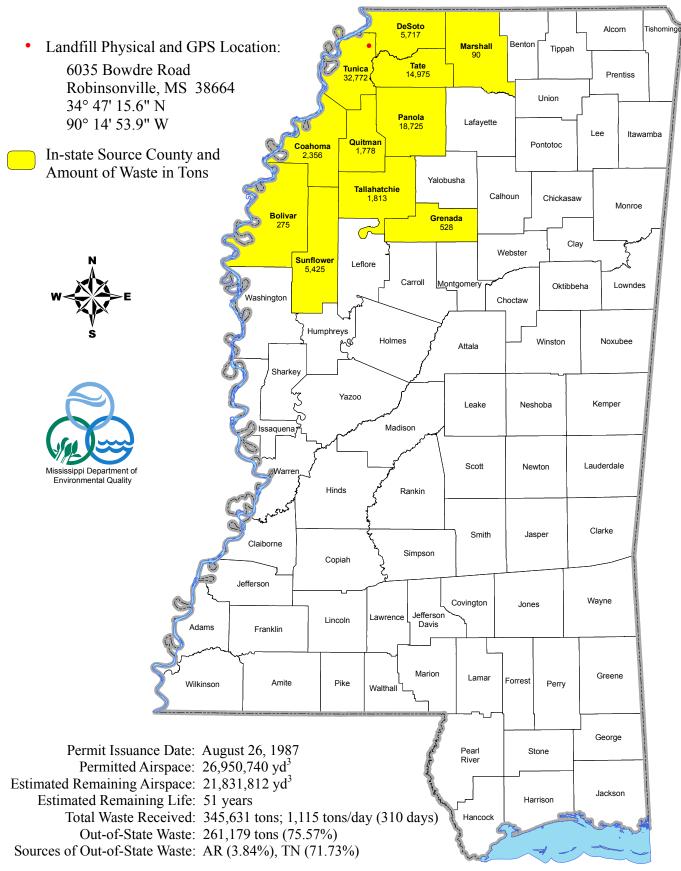
NORTHEAST MISSISSIPPI REGIONAL LANDFILL

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



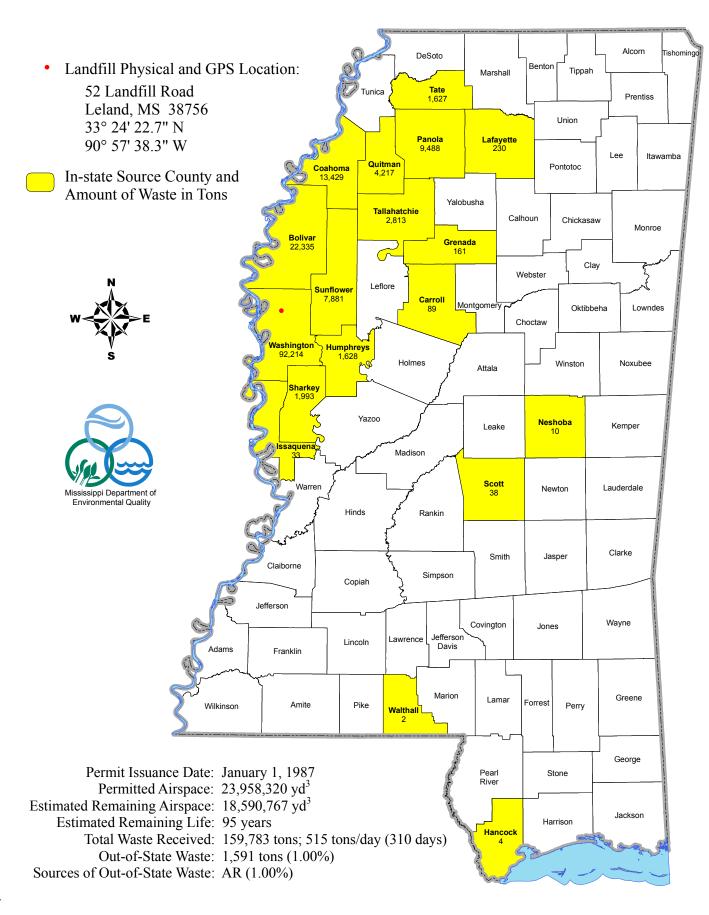
TUNICA COUNTY LANDFILL

Waste Management of Tunica Landfill, Inc.



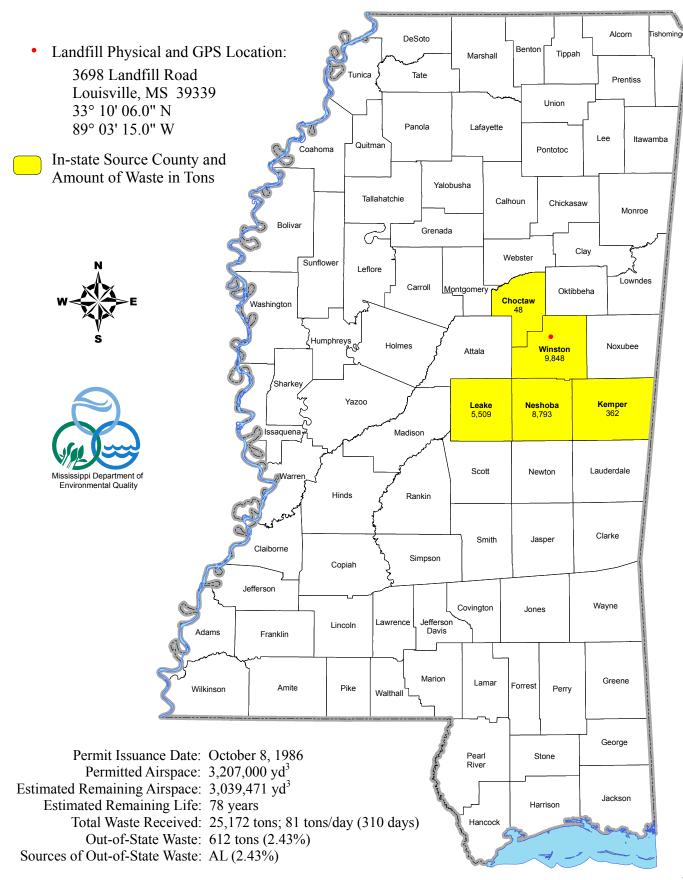
BIG RIVER LANDFILL

BFI Waste Systems of North America, Inc.



CITY OF LOUISVILLE SOLID WASTE LANDFILL

City of Louisville



Non-Municipal Solid Waste (Non-MSW) Landfills

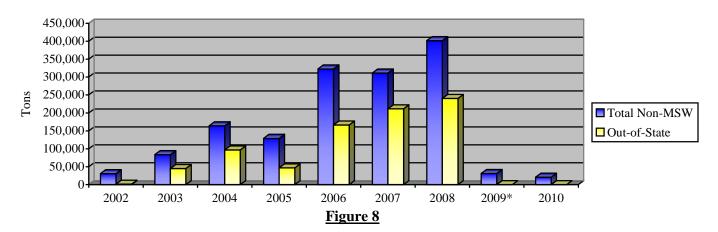
Non-MSW Landfills are commercial disposal facilities that are designed and constructed to receive a limited range of nonhazardous solid wastes including industrial sludges, ashes, and other process wastes or special wastes, such as asbestos, for disposal. These landfills generally receive waste from 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 2010. According to the annual reports submitted by the owners/operators, these landfills received a total of 21,219 tons of solid waste during Calendar Year 2010.

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 2010 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 2010, Mississippi Non-MSW landfills received approximately 10,020 tons less solid waste for disposal than during Calendar Year 2009 (see Figure 8 below).



*Note that the 2009 totals were updated in 2010 to reflect data not reported in the Calendar Year 2009 Status Report. Additionally, the MacLand Disposal Center changed facility classifications in 2009, which accounts for much of the drop in tonnage from 2008-2009.

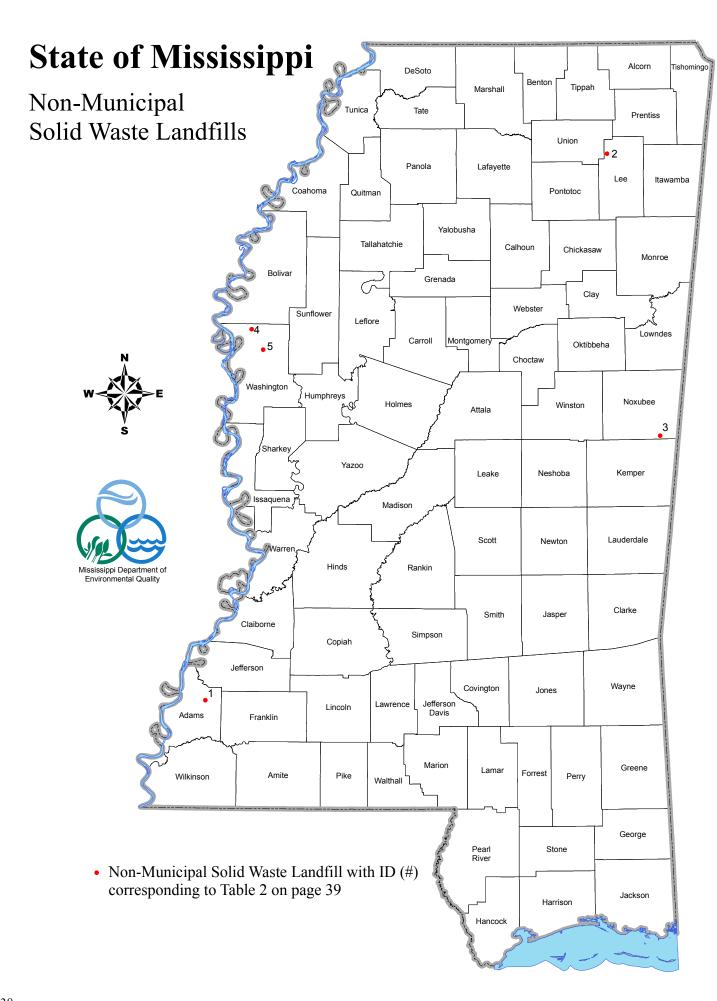


TABLE 2
Disposal Information on Non-Muncipal Solid Waste Landfills
Calendar Year 2010

| (I) | (II) | (III) | (IV) | (V) | ` | (VI) | |
|------------|------------|-------------------------|------------------------------|----------------------|-------------------------|-----------|------------------------|
| ID | County | Name of Facility | Owner | Permitted Acreage | Total Waste Received | | Est. Life Remaining |
| | | | | Acreage | tons/year | tons/day* | years |
| 1 | Adams | G. R. Disposal Landfill | G. R. Disposal Inc. | 29 | 17,592 | 57 | 2 |
| 2 | Lee | TMCO Landfill | Tim May Company Inc. | 4 | 1,236 | 4 | 10 |
| 3 | Noxubee | Robo Asbestos Landfill | Bosarge & Edmonds Cont. Inc. | 14 | 473 | 2 | 20 |
| 4 | Washington | Branco Landfill | Nolan Branton | 25 | 580 | 2 | 17 |
| 5 | Washington | LMI Landfill | Landfill Management Inc. | 3 | 1,338 | 4 | 58 |

Total 21,219 68

^{*} 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 82 permitted commercial class I rubbish sites, 8 of which were inactive during Calendar Year 2010. According to the annual reports submitted by the facilities, a total of 977,292 tons of rubbish wastes were disposed of at the 74 active class I rubbish sites during Calendar Year 2010.

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.

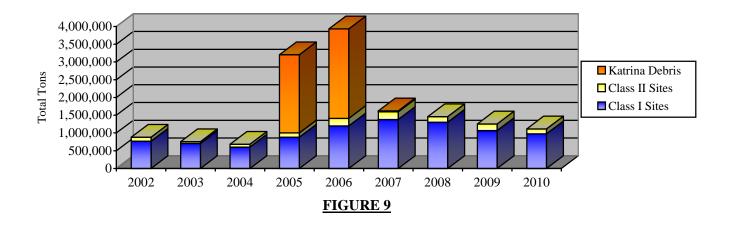
There were 70 permitted commercial class II rubbish sites, 13 of which were inactive during Calendar Year 2010. According to the annual reports submitted by the facilities, a total of 139,163 tons of rubbish wastes were disposed of at the 57 active class II rubbish sites during Calendar Year 2010.

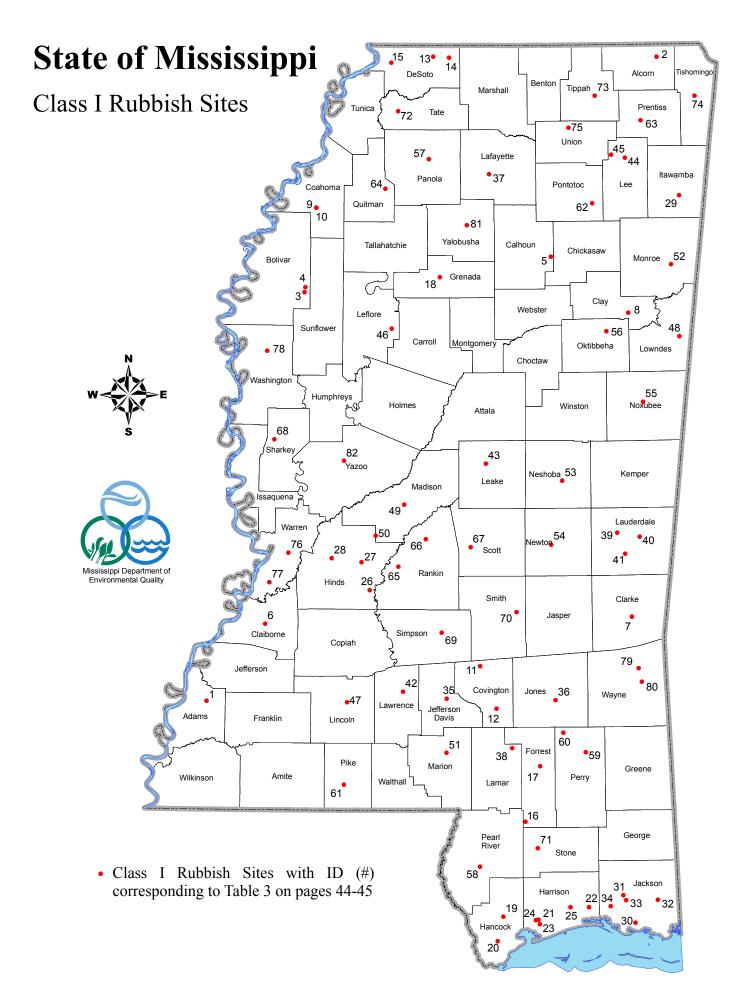
An annual report on the solid waste disposal activity conducted at each rubbish site is required by the Mississippi Code Annotated, Section 17-17-219, Section VI.E.16 of the Mississippi Nonhazardous Solid Waste Management Regulations, ACT 7.S-1 of Statewide General Permit No. SWGP-R1 for class I rubbish 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 2010 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 2010 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 2010, commercial rubbish sites received approximately 137,285 tons less rubbish for disposal than during Calendar Year 2009 (see <u>Figure 9</u> below).





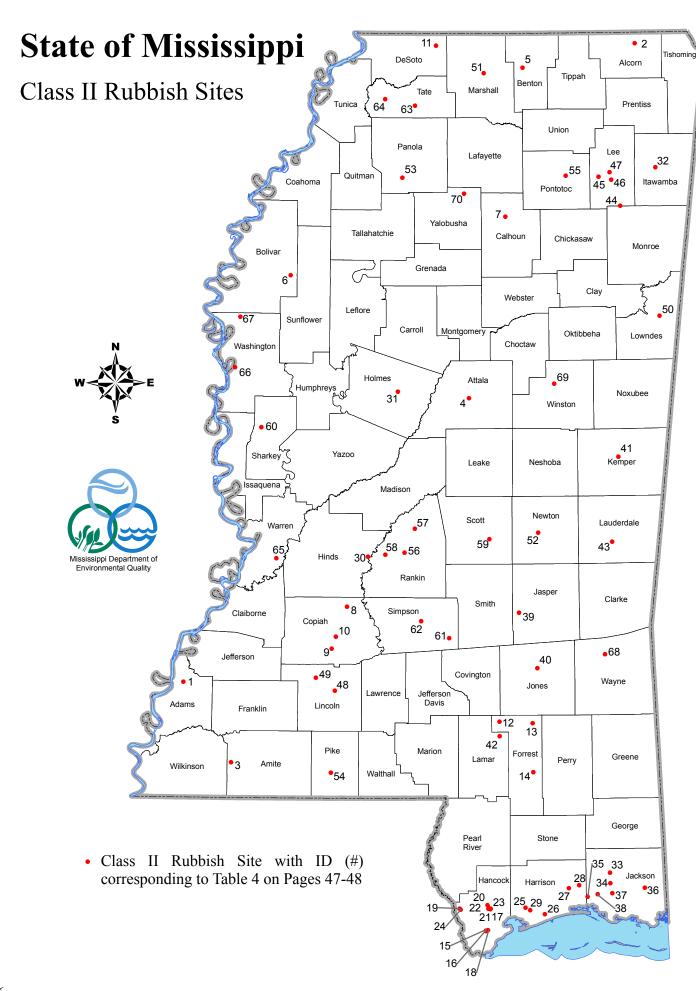
<u>TABLE 3</u>
Disposal Information on Permitted Class I Rubbish Sites
Calendar Year 2010

| (I) | (II) | (III) | (IV) | (V) | (VI) | (V | II) | (V | III) |
|------------|-------------|------------------------------------|-----------------------------------|-----------|--------------------|-----------|-------|-----------|----------|
| | | | | Permitted | Total Waste | | | | |
| ID | County | Name of Facility | Owner | Acreage | Received | | eived | Remaining | |
| | | | | | tons/year | tons/year | % | years | acres |
| 1 | Adams | St. Catherine Rubbish Site | Triad Disposal Co. | 27.4 | 2,358 | | | 40 | 20 |
| 2 | Alcorn | Alcorn Co. Rubbish Site | Alcorn Co. B.O.S | 11.8 | 598 | | | 1 | 0.5 |
| 3 | Bolivar | Bolivar Co. Rubbish Site | Bolivar Co. B.O.S | 22.4 | 7,279 | | | 5 | 5 |
| 4 | Bolivar | Joe Reed & Co. Rubbish Site | Joe Reed & Co., Inc. | 15 | 6,077 | | | 11 | 13 |
| 5 | Calhoun | Blueberry Hill Rubbish Disposal | Waste Placement, Inc. | 15 | 60 | | | 20 | 14 |
| 6 | Claiborne | Claiborne Co. Rubbish Site | Claiborne Co. B.O.S | 24.8 | 1,446 | | | 7 | 11.5 |
| 7 | Clarke | Clarke Co. Rubbish Site | Clarke Co. B.O.S | 32 | 1,655 | | | 3 | 5.5 |
| 8 | Clay | West Point Rubbish Site | City of West Point | 18 | 856 | | | 50 | 17.8 |
| 9 | Coahoma | City of Clarksdale Rubbish Site | City of Clarksdale | 18 | I | NACTIVE | ı | | |
| 10 | Coahoma | Clarksdale Rubbish Landfill | City of Clarksdale | 15.5 | 11,494 | | | 1 | 1 |
| 11 | Covington | Covington Co. Rubbish Site (N) | Covington Co. B.O.S | 4 | 1,000 | | | 5 | 0.45 |
| 12 | Covington | Covington Co. Rubbish Site (S) | Covington Co. B.O.S | 24 | 2,000 | | | 16 | 12 |
| 13 | DeSoto | DeSoto Co. Rubbish Pit | DeSoto Co. B.O.S | 22 | 26,780 | | | 2 | 2.5 |
| 14 | DeSoto | Railroad Ave. Disposal | Railroad Ave. Disposal, LLC | 22.8 | 47,942 | 26,760 | 55.82 | 4 | 0 |
| 15 | DeSoto | Starlanding Rubbish Disposal | Unified Waste Systems, LLC | 28 | 17,256 | 6,040 | 35.00 | 27 | 22 |
| 16 | Forrest | Fairley's Tire & Rubber Disposal | Wilford Fairley | 25 | 1,365 | | | 3 | 3 |
| 17 | Forrest | North Gate Rubbish Site | Pine Belt Waste Sys. LLC | 5 | 4,200 | | | | 5.3 |
| 18 | Grenada | Grenada Co. Rubbish Site | Grenada Co. B.O.S | 21 | 5,927 | | | 12 | 4.5 |
| 19 | Hancock | HCDC Rubbish Site | Hancock Co. Development Co. | 49.9 | I | NACTIVE | • | | 31 |
| 20 | Hancock | King Rubbish Site | King Const. & Env. Serv. LLC | 20.2 | 9,126 | 26 | 0.28 | 30 | |
| 21 | Harrison | Blackmer Disposal Facility | Mark Blackmer | 15 | 7,275 | | | 5 | |
| 22 | Harrison | Coastal Recycling Rubbish Site | C. N. Williams | 60 | 83,761 | | | 19 | |
| 23 | Harrison | Firetower Landfill | Firetower Landfill, LLC | 37.3 | 24,757 | | | 14 | 36.26 |
| 24 | Harrison | Pecan Grove Rubbish Site | Waste Management, Inc. | 100 | INACTIVE | | | 100 | |
| 25 | Harrison | S&S Enterprises Rubbish Site | S&S Enterprises, Inc | 12 | I | NACTIVE | | | 12 |
| 26 | Hinds | City of Jackson Rubbish Site | City of Jackson | 13 | 16,862 | | | 1 | 1 |
| 27 | Hinds | Faircloth Rubbish Landfill | Faircloth Rubbish LF, Inc | 30 | 48,633 | | | 10 | 16 |
| 28 | Hinds | Mid-South Recycling & Disposal | Danny Plunkett | 12 | 765 | | | 4 | 4.5 |
| 29 | Itawamba | Tilden-Clay Rd. Rubbish Landfill | Oxford Landfill Mgt. Inc. | 4.7 | 407 | | | 100 | 4.4 |
| 30 | Jackson | Applewhite Rubbish Site | Applewhite Recycling Sys. LLC | 18 | 92,965 | | | 1 | 4 |
| 31 | Jackson | John Ward Solomon's Mines | John Ward | 40 | 1,330 | | | 20 | 28 |
| 32 | Jackson | MacLand II Rubbish Site | MacLand Disposal Center | 32 | 71,030 | | | | |
| 33 | Jackson | Talley Disposal | Talley Disposal, LLC | 25.5 | 3,398 | | | 20 | |
| 34 | Jackson | West Jackson Co. (Seaman Rd.) | Jackson Co. B.O.S | 39 | 25,230 | | | 27 | 19.68 |
| 35 | Jeff. Davis | Jeff. Davis Co. Rubbish Landfill | Jeff Davis Co. B.O.S. | 7.4 | 8,567 | | | 39 | 3.69 |
| 36 | Jones | Randy-Danny Rubbish Site | Randy-Danny, Inc. | 11 | 19,227 | | | 6 | 11 |
| 37 | Lafayette | Oxford Rubbish Site | City of Oxford | 15 | 2,493 | | | 12 | 4.5 |
| 38 | Lamar | Oak Grove Rubbish Site | Trashhunter's, Inc. | 30 | 47,421 | | | 17 | 7 |
| 39 | Lauderdale | H.E. Mosley Rubbish Site | Phillip L. Mosley | 5.1 | 5,032 | | | 5 | 2.5 |
| 40 | Lauderdale | Waste Pro Meridian I Rubbish Site | Waste Pro Meridian L'fill II, LLC | 12 | 29,705 | | | 20 | 9.5 |
| 41 | Lauderdale | Waste Pro Meridian II Rubbish Site | Waste Pro Meridian L'fill II, LLC | 14.8 | 16,045 | | | 10 | 9.3 |
| 42 | Lawrence | Lawrence Co. Rubbish Site | Lawrence Co. B.O.S | 4.33 | 1,332 | | | 18 | 4 |
| 43 | Leake | Leake Co. Rubbish Site | Leake Co. B.O.S | 12.5 | 2,111 | | | | <u> </u> |
| 44 | Lee | Mac's Tire Recyclers, Inc. | MTR Acquisition, Inc. | 28 | 29,029 | | | | |
| 45 | Lee | TMCO Rubbish Site | Tim May Company, Inc | 30 | 17,166 | | | 23 | 18 |
| 46 | Leflore | Leflore County Rubbish Site | Leflore Co. B.O.S. | 11.9 | 100 | | | 23 | 10 |
| 1 | | • | | | | | | 10 | 12 |
| 47 | Lincoln | Brookhaven Rubbish Site | City of Brookhaven | 10.3 | 2,812 | | | 10 | 12 |

<u>TABLE 3</u>
Disposal Information on Permitted Class I Rubbish Sites
Calendar Year 2010

| (I) | (II) | (III) | (IV) | (V) | (VI) | V . | II) | (V | III) |
|------------|-------------|----------------------------------|---------------------------------|-----------|--------------------|-----------|-------|------------|--------|
| | | | | Permitted | Total Waste | | | | Life |
| ID | County | Name of Facility | Owner | Acreage | Received | | eived | | aining |
| | | | | | tons/year | tons/year | % | years | acres |
| 48 | Lowndes | Columbus Rubbish Site | City of Columbus | 23 | 33,875 | | | 4 | 6 |
| 49 | Madison | Canton Rubbish Site | City of Canton | 30 | 22,310 | | | 65 | 10 |
| 50 | Madison | Madison South Rubbish Landfill | DDB Construction Co. Inc | 40 | 35,674 | | | 80 | 38.94 |
| 51 | Marion | Columbia Rubbish Site | City of Columbia | 19.43 | 2,669 | | | 19 | 19 |
| 52 | Monroe | Monroe Co. Rubbish Site | Monroe Co. B.O.S | 8 | 23,113 | | | 1 | 1 |
| 53 | Neshoba | Neshoba Co. Rubbish Site | Neshoba Co. B.O.S | 46.4 | 10,042 | | | 0 | |
| 54 | Newton | Newton Co. Rubbish Site | Newton Co. B.O.S | 36.33 | 2,842 | | | 10 | 3.5 |
| 55 | Noxubee | Macon Rubbish Site | City of Macon | 14 | 312 | | | 3 | 10 |
| 56 | Oktibbeha | Starkville Rubbish Site | City of Starkville | 21.7 | 22,090 | | | ? | |
| 57 | Panola | Sardis Rubbish Site | City of Sardis | 8.5 | 365 | | | 13 | |
| 58 | Pearl River | Central Landfill Rubbish Site | TransAmerican Waste, Inc. | 6 | I | NACTIVE | | | 6 |
| 59 | Perry | Perry Co. Rubbish Site | Perry Co. B.O.S | 8.2 | 827 | | | | 1.66 |
| 60 | Perry | Pine Belt Regional Rubbish Site | Pine Belt Regional Authority | 11 | I | INACTIVE | | | 11 |
| 61 | Pike | Magnolia Rubbish Site | Bruce Williams | 3.8 | 3,780 | | | 8 | 1.9 |
| 62 | Ponotoc | RES Rubbish Site | Resourceful Env. Services, Inc. | 25 | 7,070 | | | 99 | 23 |
| 63 | Prentiss | Prentiss Co. Rubbish Site | Prentiss Co. B.O.S. | 10.11 | 6,192 | | | 20 | |
| 64 | Quitman | MLO Rubbish Site | MS Landfill Operations, LLC | 39.6 | 3,000 | | 0.00 | 50 | 40 |
| 65 | Rankin | SEA-1 Rubbish Site | Southern Env. Assoc. Inc. | 11.09 | 3,604 | | | 12 | 10 |
| 66 | Rankin | Mt. Helms Road Rubbish Site | Southern Env. Group Inc. | 50 | I | NACTIVE | | | |
| 67 | Scott | Morton Rubbish Site | City of Morton | 3.8 | 399 | | | 40 | 2.79 |
| 68 | Sharkey | Sharkey Co. Rubbish Site | Sharkey Co. B.O.S. | 2.8 | 3,190 | | | 9 | 2.1 |
| 69 | Simpson | SCRSWMA Rubbish Site | South Central Reg. SWMA | 2.3 | 5,078 | | | 7 | 0.85 |
| 70 | Smith | Houston Resources Rubbish Site | Joseph Houston, II | 14 | 84 | | | 63 | |
| 71 | Stone | Diamond Disposal Rubbish Site | Diamond Disposal Inc. | 10 | 3,181 | | | 6 | 4 |
| 72 | Tate | Tate Co. Rubbish Site | Tate Co. B.O.S | 13 | 2,978 | | | 20 | |
| 73 | Tippah | RES Rubbish Site | Resourceful Env. Services, Inc. | 71.8 | 20,130 | 403 | 2.00 | 10 | 42 |
| 74 | Tishomingo | Tishomingo Co. Rubbish Site | Tishomingo Co. B.O.S. | 20 | 981 | | | 22 | 13.47 |
| 75 | Union | New Albany Pumkin Ctr. Rub. Site | City of New Albany | 43.4 | 8,736 | | | 1 | |
| 76 | Warren | Warren Co. Landfill Rub. Site | Vicksburg Warren Co. L'fll | 10 | 5,126 | | | 7 | 7.1 |
| 77 | Warren | Warren Co. Waste Control | Warren Co. Waste Control | 22.8 | 7,987 | | | | |
| 78 | Washington | LMI Rubbish Site | Landfill Mgt., Inc. | 54 | 29,853 | | | 50 | |
| 79 | Wayne | Waynesboro Rubbish Site | City of Waynesboro | 3.9 | 2,304 | | | 5 | 0.5 |
| 80 | Wayne | Waynesboro Landfill 2 | City of Waynesboro | 11.39 | INACTIVE | | | | |
| 81 | Yalobusha | Yalobusha Co. Rubbish Site | Yalobusha Co. B.O.S | 10 | 852 | | | | 9 |
| 82 | Yazoo | Yazoo Rubbish Site | Yazoo Enterprises, Inc. | 36.36 | 3,778 | | | 38 | 29 |
| 02 | 1 0200 | 1 azoo Kubbish Sik | 1 azoo Emerprises, ilic. | 30.30 | 3,110 | l | | 30 | 2) |

Total 977,292 33,229 3.40



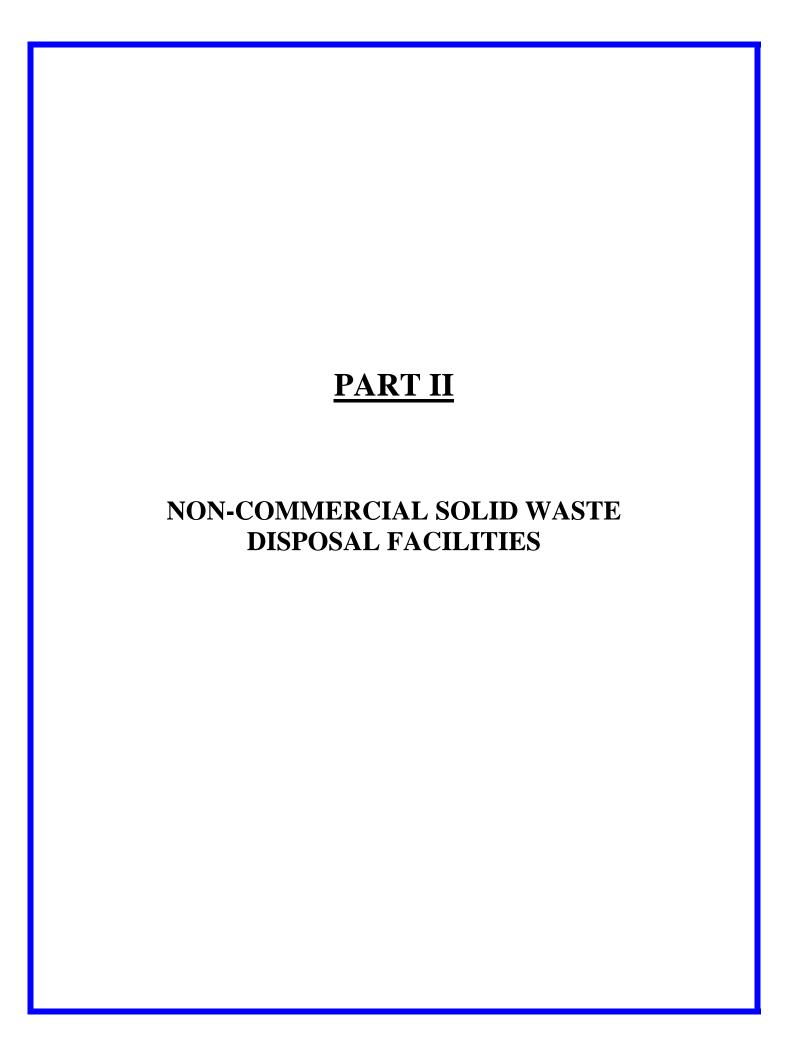
<u>TABLE 4</u>
Disposal Information on Permitted Class II Rubbish Sites
Calendar Year 2010

| (I) | (II) | (III) | (IV) | (V) | (VI) | (VII) | | (V | III) |
|------------|------------|-----------------------------------|-----------------------------------|-----------|--------------------|-----------|--------|-------------|--------|
| ID | County | Name of Facility | Owner | Permitted | Total Waste | | | | |
| | County | rame or racing | o wher | Acreage | Received | | eived | | aining |
| 1 | Adams | Foster Mound Rubbish Site | Adams Co. B.O.S. | 1.4 | tons/year 3,068 | tons/year | % | years 22 | acres |
| 2 | Alcorn | Corinth Rubbish Site | City of Corinth | 12 | 2,678 | | | 50 | 10 |
| 3 | Amite | Gloster Rubbish Site | Town of Gloster | 2 | 104 | | | 12 | 2 |
| 4 | Atalla | Kosciusko Rubbish Site | City of Kosciusko | 21 | 325 | | | | 5.35 |
| 5 | Benton | Snow Lake Shores Rubbish Site | Town of Snow Lake Shores | 5.1 | 11 | | | 19 | 1.07 |
| 6 | Bolivar | Joe Reed Rubbish Site | Joe Reed and Co, Inc. | 8 | 468 | | | 36 | |
| 7 | Calhoun | Bruce Rubbish Site | City of Bruce | 14 | 60 | | | 5 | 10 |
| 8 | Copiah | Copiah Co. (Crystal Springs) | Copiah Co. B.O.S | 2 | 918 | | | 20 | |
| 9 | Copiah | Copiah Co. (Martinsville) | Copiah Co. B.O.S | 1 | 1,791 | | | 20 | |
| 10 | Copiah | Hazlehurst Rubbish Site | City of Hazlehurst | 5 | 2,100 | | | 3 | 4.6 |
| 11 | DeSoto | Railroad Ave. Disposal | Railroad Ave. Disposal, LLC | 8.6 | 2,554 | | | 40 | |
| 12 | Forrest | Beat 2 Rubbish Site | Forrest Co. B.O.S | 18.2 | 2,304 | | | 2 | 4 |
| 13 | Forrest | Barrontown (Beat 3) Rubbish Site | Forrest Co. B.O.S | 26 | 1,652 | | | 2 | 1.5 |
| 14 | Forrest | McLaurin (Beat 4) Rubbish Site | Forrest Co. B.O.S | 3 | 5,780 | | | 2 | 1.3 |
| 15 | Hancock | Bayou La Croix Rubbish Site | Mitch Hardie | 10 | 563 | | | 40 | 9 |
| 16 | Hancock | Boudin Rubbish Site | Boudin Envir. Services, LLC | 40 | 680 | | | | 40 |
| 17 | Hancock | Coyote Land Co. Rubbish Site | Coyote Land Co. of MS | 42 | I | NACTIVE | | 3 | 16.9 |
| 18 | Hancock | Fricke Pit #1/Bayou LaCroix Rd | William Fricke | 2 | 500 | | | 10 | 1.75 |
| 19 | Hancock | Frierson Rubbish Site | Houston Frierson Jr. | 23.5 | INACTIVE | | 20 | 23 | |
| 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 | INACTIVE | | | | |
| 22 | Hancock | Henley Pit #3 Rubbish Site | Charles Henley | 4.5 | 769 | | | 10 | 4 |
| 23 | Hancock | Prince J. Ladner Rubbish Site | Prince J. Ladner Partnership | 17 | 1,020 | | | 12 | 11 |
| 24 | Hancock | Phillips 607 Rubbish Pit | Phillips Trucking Co. | 8 | 6,250 | 6,250 | 100.00 | 6 | 9.5 |
| 25 | Harrison | Blackmer Disposal Facility | Mark Blackmer | 23.5 | 1,194 | | | 20 | |
| 26 | Harrison | Canal Road Rubbish Site | City of Gulfport | 5.7 | 18,623 | | | 47 | 112.5 |
| 27 | Harrison | D.W. Lamey Rubbish Site | D.W. Lamey Fill & Trucking | 40 | 5,483 | | | 20 | 30 |
| 28 | Harrison | East Harrison Co. Rubbish Site | E. Harrison Co. Rubbish LLC | 20 | I | NACTIVE | 1 | 20 | 40 |
| 29 | Harrison | Ray Rubbish Site | Dan Ray | 8 | 6 | | | 6 | 7 |
| 30 | Hinds | APAC Meter Rd. Rubbish Site | APAC Mississippi, Inc. | 7.3 | 6,252 | | | 5 | 3 |
| | Holmes | Lexington Rubbish Site | City of Lexington | 1.1 | 1,835 | | | 18 | |
| 32 | Itawamba | Fulton Rubbish Site | City of Fulton | 6.58 | 2,378 | | | 4 | 1.8 |
| 33 | Jackson | Henze Rubbish Site | Henze Enterprises, Inc. | 17 | 132 | | | | 14 |
| 34 | Jackson | John Ward Solomon's Mines | John Ward | 28 | 332 | | | 20 | 28 |
| 35 | Jackson | Lamey Pit Rubbish Site | Mabelle Lamey | 17 | 2,443 | NA CERTE | | 10 | 25 |
| 36 | Jackson | MacLand II Rubbish Site | MacLand Dispsoal Center | 35 | | NACTIVE | | | 35 |
| 37 | Jackson | Mallette Bros. Rubbish Site | Mallette Bros. Const. Co. | 19 | 2,100 | NIA CTEUE | | 7 | 2.25 |
| 38 | Jackson | West Jackson Co. (Seaman Rd.) | Jackson Co. B.O.S | 22 | | NACTIVE | | | 2.25 |
| 39 | Jasper | Bay Springs Rubbish Site | City of Bay Springs | 5.2 | 30 | | | 9 | 2.35 |
| 40 | Jones | Laurel Rubbish Site | City of Laurel | 26.8 | 8,671 | | | 15 | 20.51 |
| 41 | Kemper | DeKalb Rubbish Site | Town of DeKalb | 8 | 120 | | | 20 | 1.75 |
| 42 | Lamar | Hover Gravel Rubbish Site | Hover Gravel Co. | 30 | 375 | NA CTEUE | | 20 | 30 |
| 43 | Lauderdale | Waste Pro Meridian I Rubbish Site | Waste Pro Meridian L'fill II, LLC | 12 | Ι | NACTIVE | | 20 | 9.7 |

TABLE 4
Disposal Information on Permitted Class II Rubbish Sites
Calendar Year 2010

| (I) | (II) | (III) | (IV) | (V) | (VI) Total Waste | (V Out of Sta | | × . | III) Life |
|------------|------------|--------------------------------|------------------------------|-----------|---------------------|-------------------|---|-------|--------------|
| ID | County | Name of Facility | Owner | Permitted | Received | Rece | | | aining |
| | | | | Acreage | tons/year | tons/year | % | years | acres |
| 44 | Lee | Nettleton Rub. Site No.1 West | Town of Nettleton | 7.3 | 9259 | | | 5 | |
| 45 | Lee | Red Oak Wood Waste/Recycling | City of Tupelo | 9.5 | I | NACTIVE | | | |
| 46 | Lee | Tupelo CDF Rubbish Site | City of Tupelo | 28.5 | 9,865 | | | 9 | 19 |
| 47 | Lee | Tupelo Water & Light West | City of Tupelo | 2.8 | 1,388 | | | 2 | 0.66 |
| 48 | Lincoln | Brookhaven Rubbish Site | City of Brookhaven | 4.9 | 4 | | | 25 | 3.2 |
| 49 | Lincoln | Oddee Smith Rubbish Site | Odee Smith & Sons, Inc. | 0.75 | I | NACTIVE | | | 0.75 |
| 50 | Lowndes | Phillips Develop. Rubbish Site | Phillips Development, LLC | 4.6 | 623 | | | 5 | 3.3 |
| 51 | Marshall | Marshall Co. Rubbish Site | Marshall Co. B.O.S | 2.5 | 6,944 | | | 6 | 2.5 |
| 52 | Newton | Newton Co. Rubbish Site | Newton Co. B.O.S | 2 | 228 | | | 10 | |
| 53 | Panola | Batesville Rubbish Site | City of Batesville | 2.1 | 1,923 | | | 2 | 0.5 |
| 54 | Pike | Magnolia Rubbish Site | Bruce Williams | 4.4 | 441 | | | 10 | 1.8 |
| 55 | Pontotoc | City of Pontotoc Rubbish Site | City of Pontotoc | 9.7 | 1,092 | | | | 3.2 |
| 56 | Rankin | Brandon Rubbish Site | City of Brandon | 2 | 25 | | | 20 | 2 |
| 57 | Rankin | Mt. Helms Road Rubbish Site | Southern Env. Group Inc. | 50 | 6,908 | | | 17 | 40 |
| 58 | Rankin | Pearl Rubbish Site | City of Pearl | 10 | 6,690 | | | 10 | 10 |
| 59 | Scott | Forest Rubbish Site | City of Forest | 2.5 | 95 | | | 4 | 1.5 |
| 60 | Sharkey | Sharkey Co. Rubbish Site | Sharkey Co. BOS | 8 | 2,794 | | | 9 | 7.3 |
| 61 | Simpson | Magee Rubbish Site | City of Magee | 9.2 | 2,937 | | | 9 | |
| 62 | Simpson | Mendenhall Rubbish Site | City of Mendenhall | 6 | 184 | | | 9 | 6 |
| 63 | Tate | Senatobia Rubbish Landfill | City of Senatobia | 5 | 182 | | | 28 | 3.97 |
| 64 | Tate | Tate Co. Rubbish Site | Tate Co. B.O.S | 20 | 665 | | | 20 | |
| 65 | Warren | Highway 27 Rubbish Landfill | Buford Construction Co. Inc. | 9 | 2,051 | | | 27 | 9 |
| 66 | Washington | Avis Rubbish Site | Jim Avis | 15 | 1,000 | | | 47 | 15 |
| 67 | Washington | Branco Rubbish Site | Nolan Branton | 43.4 | Ι | NACTIVE | | 20 | 43.39 |
| 68 | Wayne | W.C. Pitts Const. Rubbish Site | W.C. Pitts Const. Co., Inc. | 4 | I | NACTIVE | | | |
| 69 | Winston | Louisville Rubbish Site | City of Louisville | 3.81 | I | NACTIVE | | 37 | 3.81 |
| 70 | Yalobusha | Water Valley (Foxx) Rub. Site | City of Water Valley | 6 | 298 | | | 5 | |

Total 139,163 6,250 4.49



Industrial and Institutional Landfills

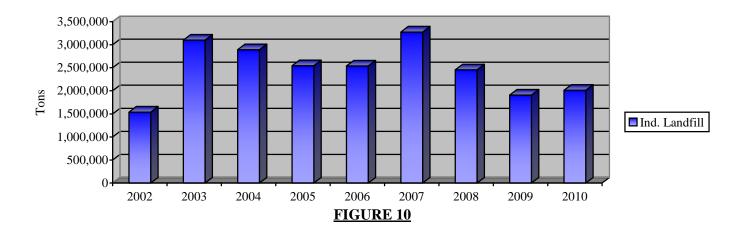
Industrial and Institutional Landfills are disposal facilities that are designed and constructed to receive nonhazardous industrial wastes and certain special wastes from one primary source for ultimate disposal. These disposal facilities are generally owned and operated by the industry or institution that generates the wastes. There were 19 permitted industrial and institutional landfills, of which 2 were inactive during Calendar Year 2010. According to the annual reports submitted by the owners/operators, a total of 2,010,587 tons of solid waste were disposed of at the 17 active landfills during Calendar Year 2010.

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 2010. 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 2010 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 2010, Mississippi industrial and institutional landfills received approximately 102,260 tons more solid waste for disposal than during Calendar Year 2009 (see <u>Figure 10</u> below).



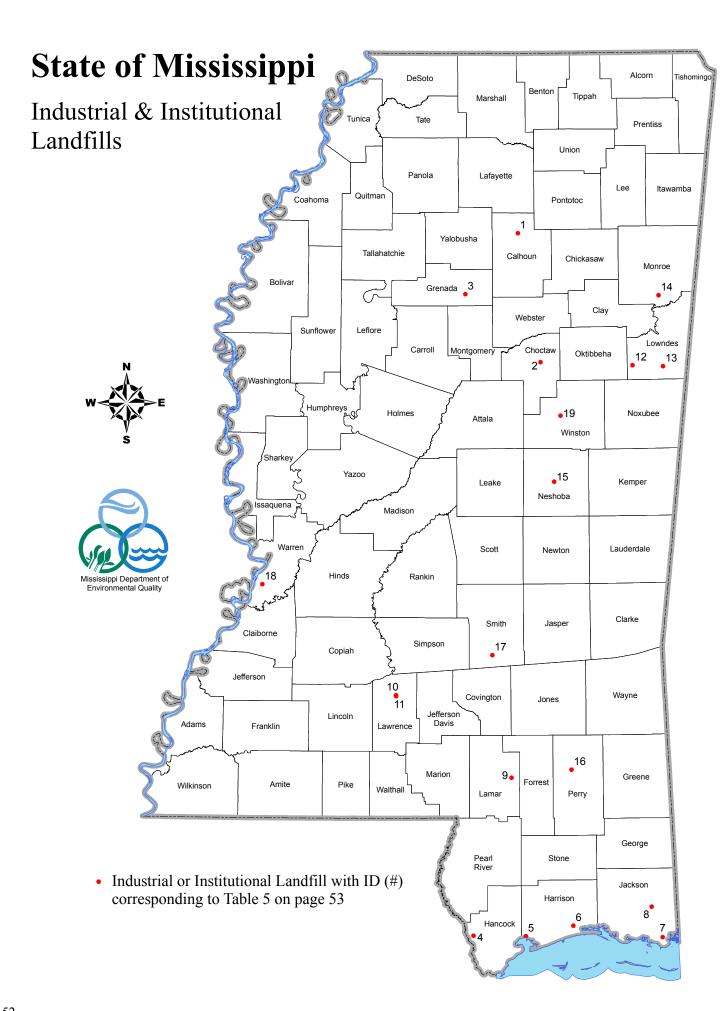


TABLE 5
Disposal Information on Industrial and Industrial Landfills
Calendar Year 2010

| (I) | (II) | (III) | (IV) | (V) | (\ | (VI) | |
|------------|----------|-------------------------------------|-----------------------------|----------------------|-------------------------|-----------|------------------------|
| ID | County | Name of Facility | Owner | Permitted Acreage | Total Waste Received | | Est. Life Remaining |
| | | | | 11cr cage | tons/year | tons/day* | years |
| 1 | Calhoun | Weyerhauser Industrial Landfill | Weyerhauser Co. | 10 | 817 | 3 | |
| 2 | Choctaw | Red Hills Ash Mgmt. Units | Choctaw Generation, LLP | 90 | 11,180 | 43 | 30 |
| 3 | Grenada | Hankins Lumber Landfill | Hankins Lumber Co. Inc. | 12.3 | INAC | TIVE | |
| 4 | Hancock | NSTL/Stennis Space Center Landfill | NASA | 13.6 | 879 | 3 | 19 |
| 5 | Harrison | DuPont DeLisle Plant Landfill | Dupont | 156 | 82,914 | 319 | |
| 6 | Harrison | Plant Watson Landfill | MS Power Company | 84.4 | 115,743 | 445 | 4 |
| 7 | Jackson | MS Phosphates Gypsum Stack #2 | MS Phosphates Corp. | 392.3 | 1,428,335 | 5,494 | 20 |
| 8 | Jackson | Plant Daniel Landfill (North Unit) | MS Power Company | 46 | 106,934 | 411 | 14 |
| 9 | Lamar | R.D. Morrow Plant Ash Landfill | South MS Power Assn. | 72 | 84,337 | 324 | 11 |
| 10 | Lawrence | Monticello Ash Landfill | Georgia Pacific Corporation | 30 | 3,801 | 15 | 6 |
| 11 | Lawrence | Monticello Operations Landfill | Georgia Pacific Corporation | 19 | 27,218 | 105 | 2 |
| 12 | Lowndes | Holcim CKD Disposal Site | Holcim (US), Inc. | 15 | INAC | CTIVE | 17 |
| 13 | Lowndes | Weyerhaeuser Industrial Landfill | Weyerhaeuser Co. | 10 | 95,421 | 367 | |
| 14 | Monroe | Kerr-McGee Solid Waste Mgt. Unit | Tronox, LLC | 4 | 11,383 | 44 | 4 |
| 15 | Neshoba | Weyerhaeuser Landfill Disposal Site | Weyerhaeuser Co. | 36 | 210 | 1 | 18 |
| 16 | Perry | Leaf River Cellulose Landfill | Leaf River Cellulose, LLC | 14.7 | 23,321 | 90 | 19 |
| 17 | Smith | Taylorsville Plywood Landfill | Georgia Pacific Corporation | | 3,645 | 14 | 20 |
| 18 | Warren | Cappaert Landfill | Cappaert Mfg. Housing | 20 | 13,500 | 52 | 9 |
| 19 | Winston | GA Pacific Winston County Landfill | Georgia Pacific Corporation | 9 | 949 | 4 | 20 |

Total 2,010,587 7,733

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

Industrial and Institutional Rubbish Sites

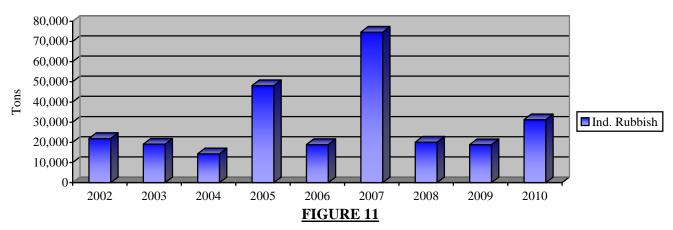
Industrial and Institutional Rubbish Sites are facilities that are designed and constructed to receive class I and/or class II rubbish wastes from industrial or institutional sources for disposal. These disposal facilities are generally owned and operated by the industry or institution that generates the wastes and are categorized as either class I or class II rubbish sites depending upon the types of waste disposed. There were 17 permitted industrial or institutional rubbish sites, 5 of which were inactive during Calendar Year 2010. According to the annual reports submitted by the owners/operators, a total of 31,252 tons of solid wastes were disposed of at the 12 active industrial rubbish sites during Calendar Year 2010.

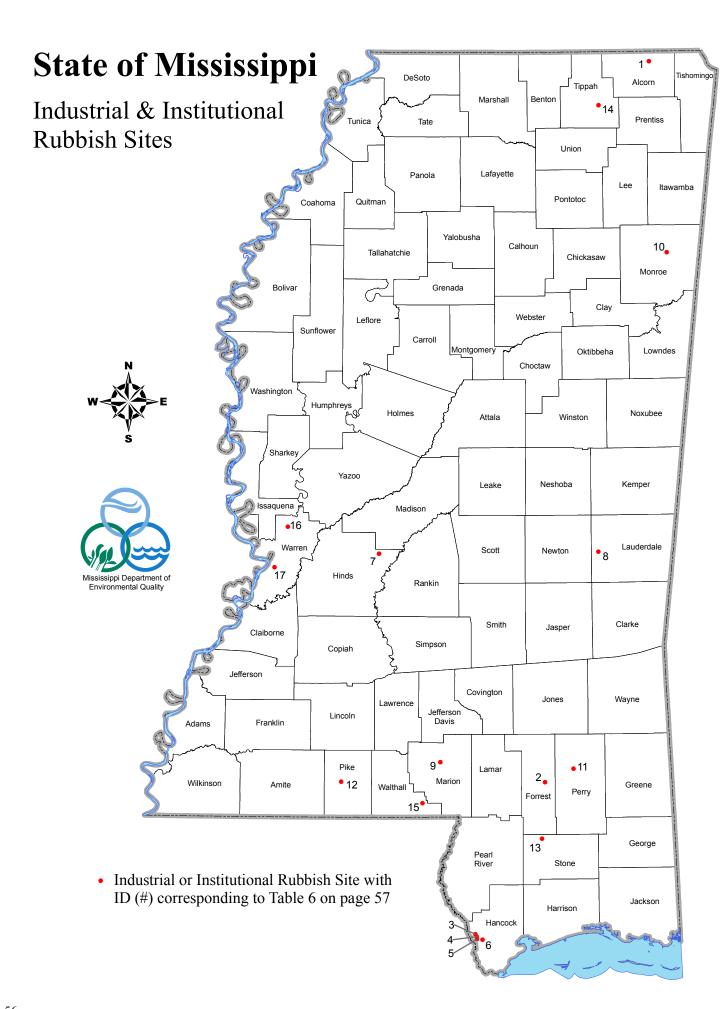
The annual report on the solid waste disposal activity conducted at each rubbish site is required by Section VI.E.16 of the Mississippi Nonhazardous Solid Waste Management Regulations, ACT 7.S-1 of Statewide General Permit No. SWGP-R1 for class I rubbish sites, and ACT 7.S-1 of Statewide General Permit 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 2010 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 2010, Mississippi industrial and institutional landfills received approximately 12,371 tons more solid waste for disposal than during Calendar Year 2009 (see <u>Figure 11</u> below).



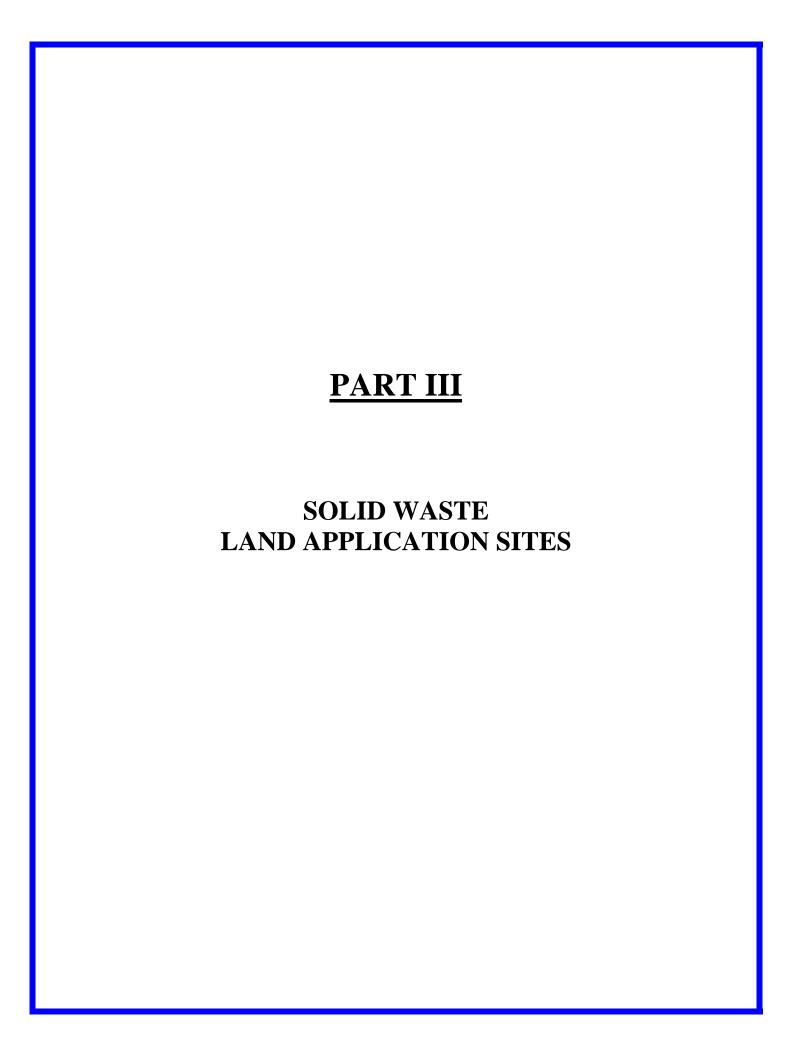


<u>TABLE 6</u>
Disposal Information on Industrial and Institutional Rubbish Sites
Calendar Year 2010

| (I) | (II) | (III) | (IV) | (V) | (VI) | | (VII) | | |
|------------|------------|----------------------------------|-------------------------------|----------|-----------|-------------------------|-------|---------------------|--|
| ID | County | Name of Facility | Owner | Type | Rece | Total Waste Received | | Est. Life Remaining | |
| | | | | | tons/year | tons/day* | years | acres | |
| 1 | Alcorn | East Fifth St. Rubbish Site | East Fifth Street, LLC | Class I | INAC | CTIVE | 25 | 7.5 | |
| 2 | Forrest | Camp Shelby Andrews Rd. Facility | MMD, Camp Shelby | Class II | 14,583 | 56 | 12 | 2.9 | |
| 3 | Hancock | Stennis Space Center C&D Site | Natl. Aer. & Space Admin. | Class II | 3,344 | 13 | | | |
| 4 | Hancock | Stennis Space Center Veg. Site 1 | Natl. Aer. & Space Admin. | Class II | INAC | CTIVE | | 2.0 | |
| 5 | Hancock | Stennis Space Center Veg. Site 2 | Natl. Aer. & Space Admin. | Class II | INACTIVE | | | 1.0 | |
| 6 | Hancock | Stennis Space Center Veg. Site 3 | Natl. Aer. & Space Admin. | Class II | INACTIVE | | | 2.0 | |
| 7 | Hinds | Tri-State Brick Rubbish Site | Tri-State Brick & Tile Co. | Class II | 2,197 | 8 | 4 | 6.0 | |
| 8 | Lauderdale | Mid South Lumber Rubbish Site | Mid South Lumber, Inc. | Class II | INACTIVE | | | 44.0 | |
| 9 | Marion | Columbia Chip L.P. Rubbish Site | Columbia Chip L.P. | Class II | 435 | 2 | 10 | 2.0 | |
| 10 | Monroe | FFM Rubbish Site | Furniture Frame Manufacturers | Class II | 1,000 | 4 | 24 | 5.5 | |
| 11 | Perry | Leaf River NE Rubbish Site | Leaf River Cellulose | Class II | 4,787 | 18 | 5 | 12.6 | |
| 12 | Pike | Great Am. Class II Rubbish Site | Great Am. Wirebound Box Co. | Class II | 600 | 2 | | | |
| 13 | Stone | DeSoto Treated Mat. Rubbish Site | DeSoto Treated Materials | Class I | 75 | 0 | 9 | 5.9 | |
| 14 | Tippah | Hankins Inc. Rubbish Site | Hankins Inc. | Class II | 543 | 2 | 0.42 | 1.4 | |
| 15 | Walthall | Jones Lumber Co. Rubbish Site | Jones Lumber Co. Inc. | Class II | 2,984 | 11 | 8 | 5.0 | |
| 16 | Warren | Redwood Class II Rubbish Site | Anderson-Tully Lumber Co. | Class II | 646 | 2 | 30 | | |
| 17 | Warren | U.S. Army Waterways Rubbish Site | U.S. Army Corps of Engineers | Class II | 59 | 0.2 | 6 | 0.3 | |

Total 31,252 120

^{*} 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, 11 of which were inactive during Calendar Year 2010. According to the submitted annual reports, a total of approximately 62,141 dry tons of solid waste was land applied during Calendar Year 2010 at 18 active land application sites in Mississippi. Approximately 37.51% (23,306 dry tons) of the total waste applied was municipal wastewater sludge (biosolids) and the remaining 62.49% (38,835 dry tons) was waste other than municipal wastewater sludge such as pulp and paper mill sludge, wood ash, and other materials.

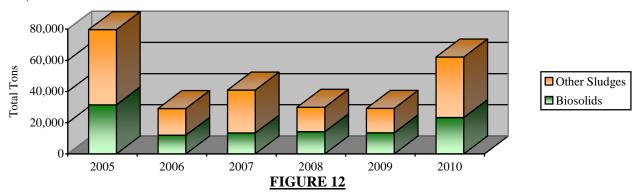
An annual report on activities conducted at each land application site is required by the individual facility permit conditions. This report contains summary information on the activities conducted at the permitted land application sites in Mississippi during Calendar Year 2010. The report includes the following information:

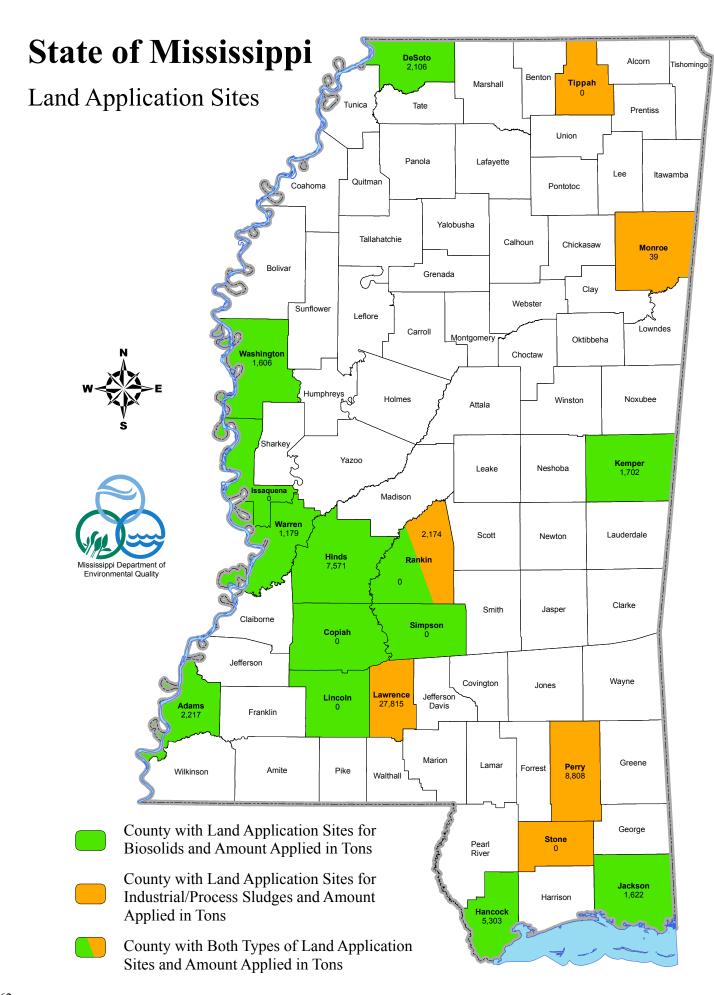
- 1. A state map showing counties where land application sites are permitted; and
- 2. A summary of operational information contained in the individual annual reports for Calendar Year 2010 for land application sites. The information is listed alphabetically by the County in which the site is located.

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 2010, Mississippi land application sites received approximately 32,932 tons more solid waste than during Calendar Year 2009 (see <u>Figure 12</u> below).





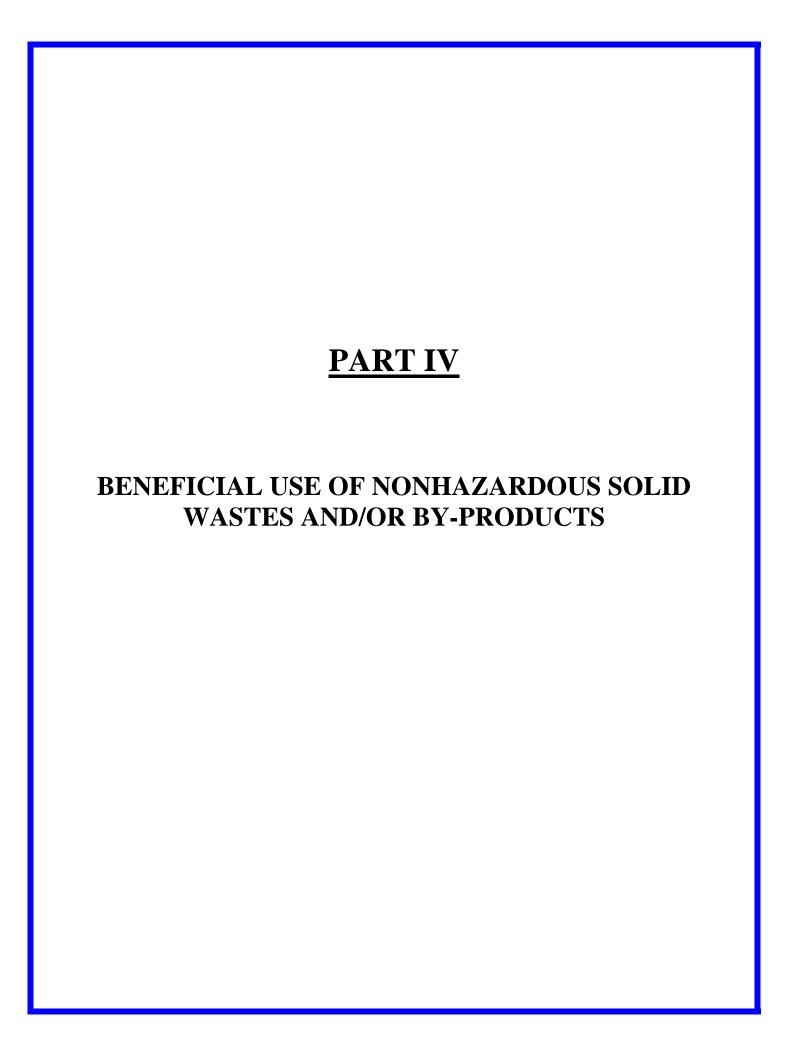
<u>TABLE 7</u> Operational Information on Land Application Sites Calendar Year 2010

| (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 | 2,217 |
| SW0170030545 | Desoto | Desoto Co. RUA Land App. Site | Desoto Co. Reg. Utility Auth. | 821 | Biosolids | 2,106 |
| 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 | 5,303 |
| SW0250030468 | Hinds | Berry Property | City of Jackson | 245 | Biosolids | 1,016 |
| SW02501A0005 | Hinds | Byram Landfarm | City of Jackson | 299 | Biosolids | 936 |
| SW0250030493 | Hinds | Holmes Property | City of Jackson | 382 | Biosolids | 531 |
| SW0250030485 | Hinds | Mason Property | City of Jackson | 65 | Biosolids | 415 |
| SW0250030528 | Hinds | Sullivan Property | City of Jackson | 250 | Biosolids | 535 |
| SW0250030539 | Hinds | Thomas Property | City of Jackson | 306 | Biosolids | INACTIVE |
| SW0250030486 | Hinds | Varnado Property | City of Jackson | 63 | Biosolids | INACTIVE |
| SW0250030464 | Hinds/Rankin* | Jackson Biosolids Benificial App. Fac. | City of Jackson | 746 | Biosolids | 4,138 |
| 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 | 1,622 |
| SW0350030431 | Kemper | Breaux Services Kemper Co. Landfarm | Breaux Services, Inc. | 513 | Biosolids | 1,702 |
| SW0390030461 | Lawrence | GEO Specialty Land App. Fac. | GEO Specialty Chemicals, Inc. | 61 | Processed Silica | 27,815 |
| 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 | 39 |
| SW0560030348 | Perry | Leaf River Cellulose Land App. Fac. | Leaf River Cellulose, LLC | 43,560 | Ash/Paper Sludge | 8,808 |
| SW0610030541 | Rankin | Rankin Co. Land App. Site | Terra Renewal Services, Inc | 1,410 | Poultry Sludges | 2,002 |
| SW0610030525 | Rankin | McLauren, et al. Land App. Site | Terra Renewal Services, Inc | 396 | Poultry Sludges | 171 |
| SW0610030470 | Rankin | TRS Land App. Site | Terra Renewal Services, Inc | 836 | Poultry Sludges | INACTIVE |
| 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 | 1,179 |
| SW0760030531 | Washington | Greenville Land App. Site | City of Greenville | 272 | Biosolids | 1,606 |

| Total | 62,141 |
|-------|--------|

| Total Biosolids | 23,306 |
|---------------------|--------|
| Total Other Sludges | 38,835 |

^{*}Permitted facilty is comprised of 3 sites in Hinds Co. and 1 site in Rankin Co. No waste applied in Rankin County site during 2010.



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

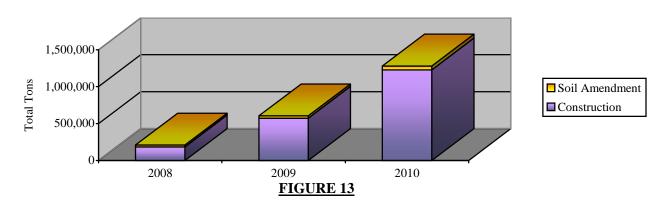
The Mississippi Regulations for the Beneficial Use of Nonhazardous Solid Wastes provide a mechanism where in-state or out-of-state industries with eligible nonhazardous solid wastes and/or by-products may provide their materials for legitimate end uses in the state after MDEQ review and approval. The 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 37 approved beneficial use determinations in Mississippi during Calendar Year 2010. According to the annual reports submitted, 26 BUD holders distributed a total of approximately 1,278,693 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 95.97% (1,227,170 tons) of the materials distributed went into construction uses and the remaining 4.03% (51,523 tons) was used in soil amendment applications.

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 2010. The information is listed numerically by the BUD tracking number.

Beneficial Use Trends

Data in this report indicates that during 2010, Mississippi BUD holders used approximately 674,247 tons more by-products than during Calendar Year 2009 (see <u>Figure 13</u> below).

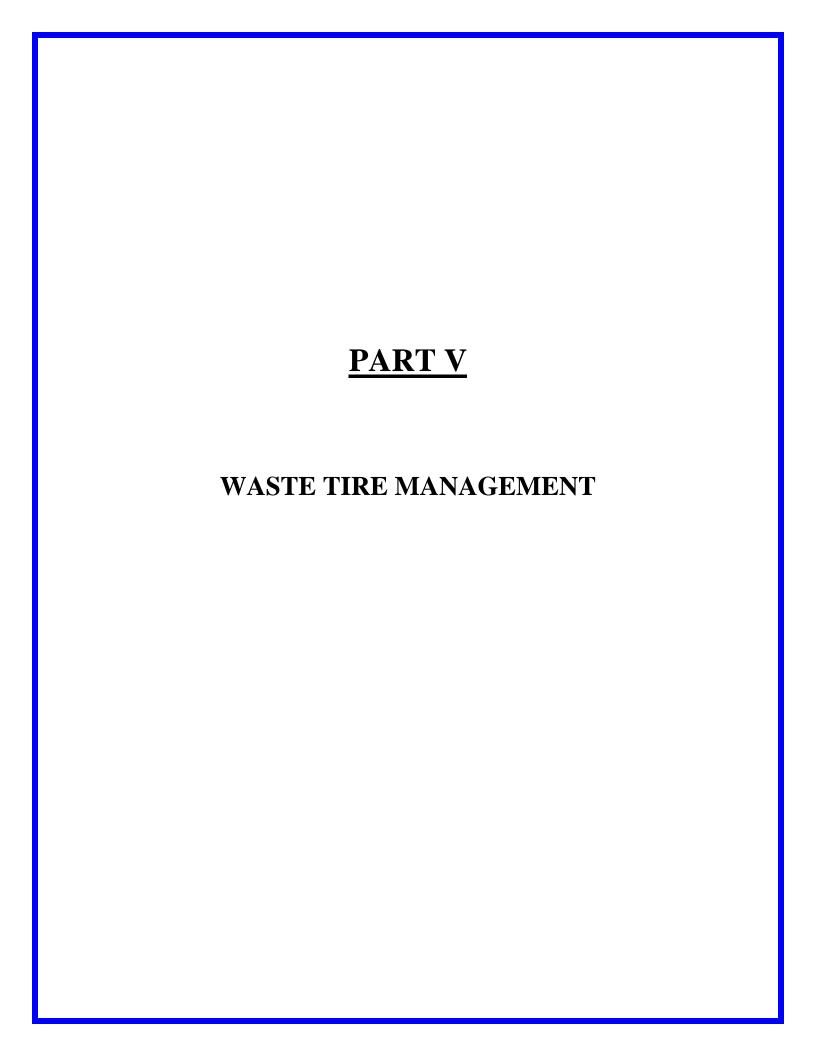


<u>TABLE 8</u> Operational Information on Industrial By-Product Distribution Calendar Year 2010

| (I) | (II) | (III) | (IV) | (V) | |
|--------------------|---|------------------------------------|-------------------------------|--|--|
| Tracking Number | BUD Holder | By-Product Material | Use of By-Product Material | Quantiy of By-Product Material Distributed (tons/year) | |
| 0002 | Georgia Pacific, Monticello | Lime Mud | Soil Amendment | 6,126 | |
| 0003 | Georgia Pacific - Leaf River Cellulose, LLC | Lime Mud | Soil Amendment | 16,238 | |
| 0004 | Georgia Pacific, Monticello | Bark and Hogged Fuel Comb. Ash | Soil Amendment | INACTIVE | |
| 0005 | Georgia Pacific, Wood Products LLC | Bark and Wood Fiber By-Product | Soil Amendment | 1,584 | |
| 0006 | Leaf River Cellulose. LLC | Slaker Grit and Green Liquor Dregs | Soil Amendment | INACTIVE | |
| 0007 | Georgia Pacific, Monticello | Bark and Hogged Fuel Comb. Ash | Soil Amendment | INACTIVE | |
| 0009 | Nucor Steel - Carbide Lime | Lime Mud | Construction | 697 | |
| 0014 | Nature Gardens | Lime Substitute | Soil Amendment | INACTIVE | |
| 0015 | North American Coal-Red Hills Mine | Coal Ash | Construction | 752,892 | |
| 0018 | Tri-State Lumber Company | Wood Ash | Soil Amendment | INACTIVE | |
| 0021 | Norbord Industries, Inc. | Wood Ash | Soil Amendment | 3,000 | |
| 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 | 180 | |
| 0026 | Georgia Pacific - Leaf River Cellulose, LLC | Wood Ash | Soil Amendment | 11,252 | |
| 0027 | Masonite Corporation | Dewatered Fiber | Soil Amendment | 4 | |
| 0028 | Masonite Corporation | Wood Ash | Soil Amendment | INACTIVE | |
| 0029 | Intrinergy Wiggins, LLC | Wood Ash | Soil Amendment | 755 | |
| 0030 | Bailey & Sons | Wood Ash | Soil Amendment | 6,000 | |
| 0032 | Southern Company | Flue Gas Desulferazation Gypsum | Soil Amendment | 250 | |
| 0033 | American Sugar Refining, Inc. | Lime By-Product | Soil Amendment | 5,557 | |
| 0034 | City of Columbus Light and Water Department | Iron Oxide | Soil Amendment | 335 | |
| 0035 | Georgia Pacific Consumer Products LP | Lime Mud | Soil Amendment | 271 | |
| 0036 | Charah, Inc. | Coal Ash | Construction | 911 | |
| 0037 | Separation Technologies, LLC | Coal Ash | Construction | 58,862 | |
| 0038 | SEFA Group | Coal Ash | Construction | 3,999 | |
| 0039 | Boral Material Technologies, Inc. | Coal Ash | Construction | 220 | |
| 0040 | Lafarge Noth America, Inc. | Coal Ash | Construction | INACTIVE | |
| 0041 | Headwaters Resources, Inc. | Coal Ash | Construction | 3,405 | |
| 0042 | Headwaters Resources, Inc. | Coal Ash | Construction | INACTIVE | |
| 0043 | Headwaters Resources, Inc. | Coal Ash | Construction | 12,812 | |
| 0044 | Headwaters Resources, Inc. | Coal Ash | Construction | 7,286 | |
| 0045 | Headwaters Resources, Inc. | Coal Ash | Construction | INACTIVE | |
| 0046 | Headwaters Resources, Inc. | Coal Ash | Construction | 51,645 | |
| 0047 | Anderson-Tully | Wood Ash | Soil Amendment | 151 | |
| 0048 | Separation Technologies, LLC | Coal Ash | Construction | 175,860 | |
| 0049 | Separation Technologies, LLC | Coal Ash | Construction | 158,400 | |

| Total | 1,278,693 |
|-------|-----------|

| Total Construction Uses | 1,227,170 |
|---------------------------|-----------|
| Total Soil Amendment Uses | 51,523 |



Waste Tire Management

In a 2007 a report by the Rubber Manufactures Association (*Scrap Tire Markets in the United States*, 9th 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 2010. The Mississippi Waste Tire Management Program administers state rules and regulations for the collection, transportation, storage, processing, recycling and disposal of these waste tires and is tasked by the state legislature with promoting the goal of statewide waste tire recycling. Prior to the adoption of state regulations in 1991, many waste tires were disposed of in landfills or illegal dumps. However, the majority of the waste tires generated in Mississippi annually are currently properly managed and recycled.

The Mississippi Waste Tire Management Regulations and the Mississippi Waste Tire Transportation Regulations require persons and businesses to properly manage waste tires. Waste tire haulers involved in the transportation of waste tires from generators to end users are required to annually report the number of waste tires transported. Commercial waste tire collectors and processors are required to report information on the sources and quantity of waste tires managed each month. This report contains summary information on waste tire management activities conducted by these waste tire transporters, collectors and processors during Calendar Year 2010.

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 2010, there were a total of 120 licensed waste tire haulers in Mississippi that reportedly managed a total of approximately 7.0 million waste tires. Of the total number of haulers, 56 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 97% of the waste tire collected. The remaining 64 waste tire haulers were private haulers, only transporting the waste tires they generate through their normal business operations. In-state based haulers imported approximately 3.3 million waste tires and out-of-state based commercial haulers transported approximately 530,000 waste tires to other states.

Collection

There were a total of 155 authorized local government and commercial waste tire collection sites in Mississippi during Calendar Year 2010. 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 tires per week. During 2010, these local government sites managed approximately 680,000 passenger tire equivalents (PTE's*) and approximately 94% of these waste tires were recycled. In 2010, there were also 5 active commercial waste tire collection sites accepting waste tires. These commercial sites collected approximately 210,000 PTE's and all of these tires were recycled at in-state processing facilities.

Recycling and Disposal

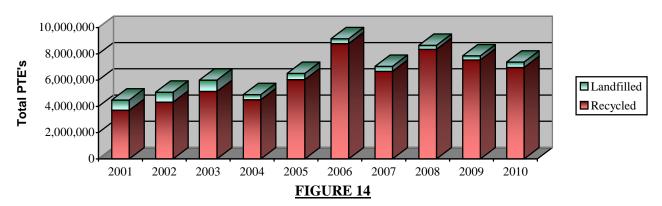
In 2010 there were a total of 5 permitted waste tire processing facilities in Mississippi. These sites are required to process waste tires in accordance with minimum standards set by state law prior to sending the end products for further recycling, energy recovery, or disposal. These facilities reported receiving a total of 7,375,553 PTE's (82,975 tons) of waste tires. Approximately, 47% of the tires processed were imported into Mississippi from out-of-state. Of the total number of tires processed, approximately 94% were recycled for use in rubber derived products or as a supplemental fuel source. These reports also showed that approximately 89% of the waste tires generated in Mississippi were recycled. A total of approximately 6,962,389 PTE's were processed for recycling purposes and 413,164 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 2010. The report includes the following information:

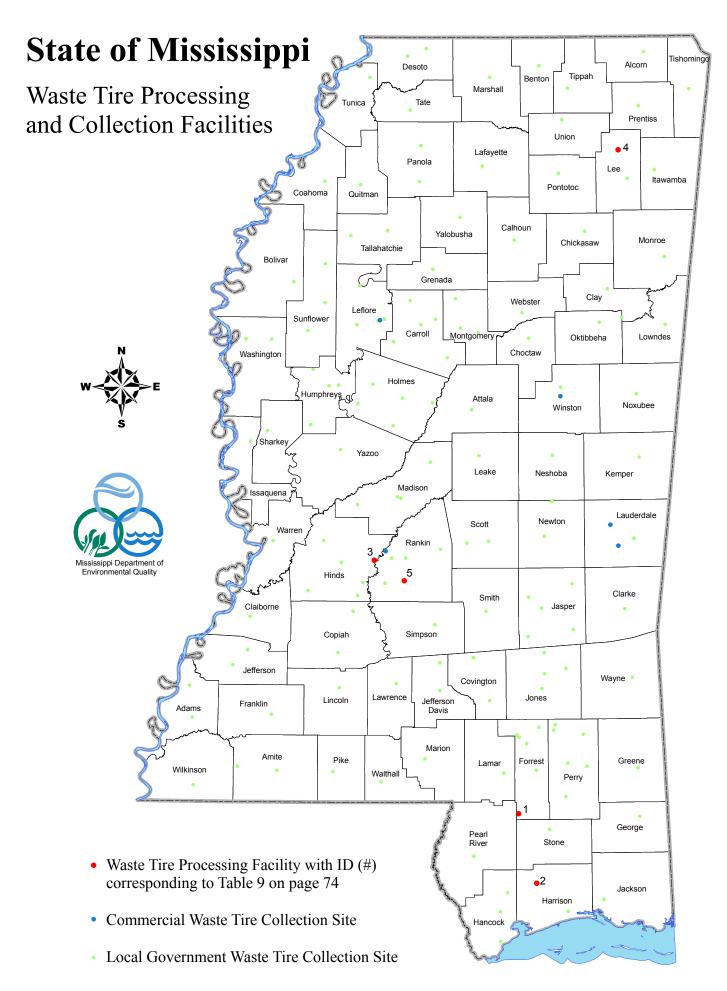
- 1. A state map showing the locations of commercial waste tire processing facilities (and also commercial and local government waste collection sites); and
- 2. A summary of operational information contained in the monthly reports for Calendar Year 2010 for commercial waste tire processing facilities. 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 2010, Mississippi waste tire processing facilities managed 474,434 fewer PTE's than during Calendar Year 2009 (see Figure 14 below).



*This report estimates that each waste passenger (and light truck) tire weighs approximately 22.5 pounds, each waste commercial (truck) tire weighs approximately 120 pounds, and that the average weight of all waste tires generated is approximately 37 pounds (approximately 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 37 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 2010

| (I) | (II) | (III) | (IV) | (V) | (VI) | | (VII) | |
|------------|-------------------------|-----------------------------|---------------------------------|----------------------------|----------------------|--------|--------------------------------|-------|
| ID | County Name of Facility | Name of Facility | Owner | Primary End- Use Market | Total Tires Received | | Out of State Tires Received | |
| | | | USC WIAI KET | PTE's | Tons | PTE's | % | |
| 1 | Forrest | Fairley's Tire & Rubber Co. | Wilford Fairley | Disposal | 266,202 | 2,995 | | |
| 2 | Harrison | Triplett's Tire Processing | George Triplett | Disposal | 146,962 | 1,653 | | |
| 3 | Hinds | PolyVulc Tire Recycling | PolyVulc Tire Recycling, LLC | Crumb Rubber | 1,426,158 | 16,044 | | |
| 4 | Lee | Mac's Tire Recyclers | MTR Acquisitions, Inc. | Tire Derived Fuel | 5,534,431 | 62,262 | 3,460,284 | 62.52 |
| 5 | Rankin | Cowboy and Cowgirl Swings | Cowboy and Cowgirl Swings, Inc. | Tire Swings | 1,800 | 20 | | |

Total 7,375,553 82,975 3,460,284 46.92



Mississippi Department of Environmental Quality Solid Waste Policy, Planning and Grants Branch P.O. Box 2261 Jackson, MS 39225 Phone/Fax: 601-961-5171 / 601-961-5785

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