# Coal Produced for Sale, Transfer, or Use (Millions of Short Tons)

| Period                              | Surface<br>Mines | Underground<br>Mines | Total  |
|-------------------------------------|------------------|----------------------|--------|
| Coal production A for entire State: |                  |                      |        |
| Evaluation Year                     |                  |                      |        |
| EY 2005                             | 7.365            | 15.493               | 22.858 |
| EY 2006                             | 8.767            | 11.821               | 20.588 |
| EY 2007                             | 8.671            | 10.538               | 19.209 |

 $<sup>^{\</sup>mbox{\scriptsize A}}$  Coal production as reported in this table is the gross tonnage which includes coal that is sold, used, or transferred as reported to OSM by each mining company on form OSM-1 line 8(a). Gross tonnage does not provide for a moisture reduction. OSM verifies tonnage reported through routine auditing of mining companies. This production may vary from that reported by States or other sources due to varying methods of determining and reporting coal production. Provide production information for the latest three full evaluation years to include the last full evaluation year for which data is available.

#### **Inspectable Units** As of June 30, 2007

|   |       | Nun                       | nber a            | and St      | tatus  | of Pei | mits   |      |                                       |         |                    |                           |                         |              |
|---|-------|---------------------------|-------------------|-------------|--------|--------|--------|------|---------------------------------------|---------|--------------------|---------------------------|-------------------------|--------------|
| Coal mines<br>and related<br>facilities | tempo | /e or<br>orarily<br>etive | Inac<br>Pha<br>bo | se II<br>nd | Abano  | doned  | Tota   | als  | Nbr.of<br>Insp.<br>Units <sup>A</sup> |         | Perm<br><i>(10</i> | itted Acre<br>0's of acre | age <sup>B</sup><br>es) | ń.           |
| lacilities                              | mac   |                           | rele              | ase         |        |        |        |      | Units                                 | Federal | Lands              | State/F<br>Lar            | Private<br>nds          | All<br>Lands |
|   | IP    | PP                        | IP                | PP          | IP     | PP     | IP     | PP   |                                       | IP      | PP                 | IP                        | PP                      | Total        |
| LANDS FO                                | OR WH | ICH TH                    | E STA             | TE IS 1     | THE RE | GULA   | TORY A | UTHO | RITY                                  |         |                    |                           |                         |              |
| Surface<br>mines                        | 0     | 54                        | 0                 | 78          | 0      | 53     | 0      | 185  | 185                                   | 0.0     | 0.4                | 0.0                       | 722.1                   | 722.5        |
| Underground<br>mines                    | 0     | 11                        | 0                 | 6           | 0      | 2      | 0      | 19   | 19                                    | 0.0     | 5.2                | 0.0                       | 102.7                   | 107.9        |
| Other facilities                        | 0     | 11                        | 0                 | 0           | 0      | 1      | 0      | 12   | 12                                    | 0.0     | 0.0                | 0.0                       | 27.8                    | 27.8         |
| Total                                   | 0     | 76                        | 0                 | 84          | 0      | 56     | 0      | 216  | 216                                   | 0.0     | 5.6                | 0.0                       | 852.6                   | 858.2        |

Total number of permits: 216

Average number of permits per inspectable unit (excluding exploration sites): 1.00

Average number of acres per inspectable unit (excluding exploration sites): 397.31

0 Number of exploration permits on State and private lands: On Federal lands<sup>C</sup>:

Number of exploration notices on State and private lands: 39 On Federal lands<sup>C</sup>: 0

IP: Initial regulatory program sitesPP: Permanent regulatory program sites

A Inspectable units include multiple permits that have been grouped together as one unit for inspection frequency purposes by some State

<sup>&</sup>lt;sup>B</sup> When a single inspectable unit contains both Federal lands and State/Private lands, enter the permitted acreage for each land type in the appropriate category.

C Includes only exploration activities regulated by the State pursuant to a cooperative agreement with OSM or by OSM pursuant to a Federal lands program. Excludes exploration regulated by the Bureau of Land Management.

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### **TABLE 3**

# State Permitting Activity As of June 30, 2007

| Type of   |              | Surfa<br>mine |       | U            | ndergr<br>mine |         |              | Othe<br>facilit |       |              | Tota   | ls    |
|---|--------------|---------------|-------|--------------|----------------|---------|--------------|-----------------|-------|--------------|--------|-------|
| Application   | App.<br>Rec. | Issued        | Acres | App.<br>Rec. | Issued         | Acres A | App.<br>Rec. | Issued          | Acres | App.<br>Rec. | Issued | Acres |
| New Permits   | 8            | 7             | 3,870 | ۲            | 1              | 668     | 0            | 0               | 0     | 9            | 8      | 4,538 |
| Renewals  | 7            | 5             |       | 0            | 2              |         | 1            | 0               |       | 8            | 7      |       |
| Transfers, sales,<br>and assignments of<br>permit rights                      | 11           | 8             |       | 0            | 0              |         | 0            | 0               |       | 11           | 8      |       |
| Small operator assistance   | 1            | 1             |       | 0            | 0              |         | 0            | 0               |       | 1            | 1      |       |
| Exploration permits   |              |               |       |              |                |         |              |                 |       | 0            | 0      |       |
| Exploration notices   |              |               |       |              |                |         |              |                 |       |              | 39     |       |
| Revisions<br>(exclusive of<br>incidential<br>boundary revisions)              |              | 73            |       |              | 12             |         |              | 2               |       |              | 87     |       |
| Revisions (adding<br>acreage but are not<br>incidental boundary<br>revisions) | 0            | 0             | 0     | 0            | 0              | 0       | 0            | 0               | 0     | 0            | 0      | 0     |
| Incidental boundary<br>revisions  | 1            | 1             | 0     | 0            | 0              | 0       | 0            | 0               | 0     | 1            | 1      | 0     |
| Totals  | 28           | 95            | 3,870 | ~            | 15             | 668     | 1            | 2               | 0     | 30           | 151    | 4,538 |

OPTIONAL - Number of midterm permit reviews completed that are not reported as revisions:

 $<sup>\</sup>ensuremath{\mathsf{A}}$  Includes only the number of acres of proposed surface disturbance.

B State approval not required. Involves removal of less than 250 tons of coal and does not affect lands designated unsuitable for mining.

Alabama EY 2007, ending June 30, 2007

|            |   |  |           |                  |               | TAB     | TABLE 4  |          |           |          |       |       |            |       |
|------------|---|--|-----------|------------------|---------------|---------|--|----------|-----------|----------|-------|-------|------------|-------|
|            |   |  | O         | OFF-SITE I       | MPACT         | S (excl | SITE IMPACTS (excluding bond forfeiture sites) | nd forfe | iture sit | (sa      |       |       |            |       |
| RESC       | RESOURCES AFFECTED  | TED  |           | People           |               |         | Land   |          |           | Water    |       | U)    | Structures |       |
| DE         | DEGREE OF IMPACT  | ïΤ   | Minor     | Moderate         | Major         | Minor   | Moderate                                       | Major    | Minor     | Moderate | Major | Minor | Moderate   | Major |
| TYPE OF    | Blasting  | 8  | e         | 0                | 0             | _       | _  | 8        | 0         | 0        | 0     | 0     | 0          | 0     |
| IMPACT     | Land Stability  | 1  | 0         | 0                | 0             | Υ-      | 0  | 0        | 0         | 0        | 0     | 0     | 0          | 0     |
| TOTAL      | Hydrology   | 17   | 0         | 0                | 0             | 4       | 0  | 0        | 12        | 0        | _     | 0     | 0          | 0     |
| NUMBER     | Encroachment  | 15   | 0         | 0 0              | 0             | 12      | 0  | 3        | 0         | 0        | 0     | 0     | 0          | 0     |
| EACH       | Other   | L .  | 0         | 0 0              | 0             | 1       | 0  | 0        | 0         | 0        | 0     | 0     | 0          | 0     |
| TYPE       | Total   | 42   | 3         | 0                | 0             | 19      | 1  | 9        | 12        | 0        | 1     | 0     | 0          | 0     |
| Total num  | Total number of inspectable units (excluding bond forfeiture sites) | e units (e   | xcluding  | bond forfe       | sifure site   | (6)     | 176  |          |           |          |       |       |            |       |
| Inspectak  | Inspectable units free of off-site impacts:                         | T-site im  | oacts:    | )<br>)<br>)<br>) |               | . ()    | 149  |          |           |          |       |       |            |       |
| Inspectab  | Inspectable units with off-site impacts:                            | ite impac  | its:      |                  |               |         | 27   |          |           |          |       |       |            |       |
|            |   |  | J         | OFF-SITE         | -SITE IMPACTS | O       | BOND FORFEITURE                                | RFEITU   | RE SITES  | ES       |       |       |            |       |
| RESC       | RESOURCES AFFECTED  | TED  |           | People           |               |         | Land   |          |           | Water    |       | 0)    | Structures | ا م   |
| DE         | DEGREE OF IMPACT  | ;T   | Minor     | Moderate         | Major         | Minor   | Moderate                                       | Major    | Minor     | Moderate | Major | Minor | Moderate   | Major |
| TYPE OF    | Blasting  | 0  | 0         | 0 0              | 0             | 0       | 0  | 0        | 0         | 0        | 0     | 0     | 0          | 0     |
| MPACT      | Land Stability  | 0  | 0         | 0                | 0             | 0       | 0  | 0        | 0         | 0        | 0     | 0     | 0          | 0     |
| TOTAL      | Hydrology   | 0  | 0         | 0                | 0             | 0       | 0  | 0        | 0         | 0        | 0     | 0     | 0          | 0     |
| NUMBER     | Encroachment  | 0  | 0         | 0                | 0             | 0       | 0  | 0        | 0         | 0        | 0     | 0     | 0          | 0     |
| EACH       | Other   | 0  | 0         | 0                | 0             | 0       | 0  | 0        | 0         | 0        | 0     | 0     | 0          | 0     |
| TYPE       | Total   | 0  | 0         | 0 0              | 0             | 0       | 0  | 0        | 0         | 0        | 0     | 0     | 0          | 0     |
| Total      | Total number of inspectable units (only bond forfeiture sites)      | ) stinite  | אמיל אומי | forfeiture       | citoc):       |         | 40   |          |           |          |       |       |            |       |
| Inspectat  | Inspectable units free of off-site impacts                          | Feite imr  | ande.     |                  | olico).       |         | 40   |          |           |          |       |       |            |       |
| Inspectar  | Inspectable units with off-site impacts:                            | in Site in site in attended to the site in | odolo.    |                  |               |         | <u> </u>                                       |          |           |          |       |       |            |       |
| - Incheora |   | 215  |           |                  |               |         |  |          |           |          |       |       |            |       |

#### TABLE 5 Annual State Mining and Reclamation Results **During this Evaluation Year Bond** release Applicable performance standard Acreage also Acreage also Total acreage phase released released under released under Phase I Phase II C A В E D Phase Approximate original contour restored 2,240 Topsoil or approved alternative replaced Phase Surface stability 356 0 Establishment of vegetation II Post-mining land use/productivity restored Phase - Successful permanent vegetation 0 0 1,021 Groundwater recharge, quality and quantity restored Surface water quality and quantity restored Acres during this Bonded Acreage A evaluation year Total number of new acres bonded during this evaluation year 3,886 Number of acres bonded during this evaluation year that are considered remining, if available 0 Number of acres where bond was forfeited during this evaluation year 174 **Cumulative Acres Bonded Acreage Status** Total number of acres bonded as of the end of last review period (June 30, 2006) B 47,205 Total number of acres bonded as of the end of this review period (June 30, 2007) $^{\mathsf{B}}$ 49,896 Sum of acres bonded that are between Phase I bond release and Phase II bond 0 release as of June 30, 2007 B Sum of acres bonded that are between Phase II bond release and Phase III bond 0 release as of June 30, 2007 B Disturbed Acreage Acres Number of Acres Disturbed during this evaluation year 0 Number of Acres Disturbed at the end of the 0 evaluation year (cumulative) Bonded acreage is considered to approximate and represent the number of acres disturbed by surface coal mining and reclamation operations.

B Bonded acres in this category are those that have not received a Phase III or other final bond release (State maintains jurisdiction).

#### **State Bond Forfeiture Activity**

(Permanent Program Permits)

| Number of<br>Sites | Dollars                    | Acres   |
|--------------------|----------------------------|---|
| 39                 |                            | 3,342   |
| 2                  | \$ 136,318                 | 174   |
| 0                  |                            | 0   |
| 1                  |                            | 253   |
| 40                 |                            | 3,163   |
| 0                  |                            | 0   |
|                    |                            |   |
| 20                 |                            | 3,570   |
| 0                  |                            | 0   |
| 0                  |                            | 0   |
| 3                  |                            | 253   |
| 15                 |                            | 2,926   |
|                    | Sites 39 2 0 1 40 0 20 0 3 | Sites   Dollars   39   39   39   3136,318   314   315 |

A Includes data only for those forfeiture sites not fully reclaimed as of this date

B Includes all sites where surety or other party has agreed to complete reclamation and site is not fully reclaimed as of this date

<sup>&</sup>lt;sup>C</sup> This number also is reported in Table 5 as Phase III bond release has been granted on these sites

**State Staffing** (Full-time equivalents at end of evaluation year)

| Function  | EY 2007 |
|---|---------|
| Regulatory Program                              |         |
| Permit Review                                   | 9.50    |
| Inspection                                      | 11.00   |
| Other (administrative, fiscal, personnel, etc.) | 4.50    |
| Regulatory Program Total                        | 25.00   |
| AML Program Total                               | 16.20   |
| Total   | 41.20   |

#### Funds Granted To Alabama BY OSM

(During the Current Evaluation Year)

(Actual Dollars, Rounded to the Nearest Dollar)

| Type of Funding                           | Du | Funds Awarded<br>ring Current<br>aluation Year | Federal Funding as a<br>Percentage of Total<br>Program Costs |
|---|----|--|--|
| Regulatory Funding                        |    |  |  |
| Administration and Enforcement Grant      | \$ | 1,070,211                                      | 41.30 %  |
| Other Regulatory Funding, if applicable   | \$ | 0  | 0.00 %   |
| Subtotal                                  | \$ | 1,070,211                                      |  |
| Small Operator Assistance Program         | \$ | 3,000  | 100 %  |
| Abandoned Mine Land Reclamation Funding A | \$ | 3,512,942                                      | 100 %  |
| Totals                                    | \$ | 4,586,153                                      |  |

A Includes funding for AML Grants, the Clean Streams Initiative and the Watershed Cooperative Agreement Program.

# State Inspection Activity During Current Evaluation Year

| Inspectable Unit       | Number of Inspection | ons Conducted |  |  |  |
|------------------------|----------------------|---------------|--|--|--|
| Status                 | Complete             | Partial       |  |  |  |
| Active <sup>A</sup>    | 997                  | 220           |  |  |  |
| Inactive <sup>A</sup>  | 1,044                | 98            |  |  |  |
| Abandoned <sup>A</sup> | 235                  | 18            |  |  |  |
| Total                  | 2,276                | 336           |  |  |  |
| Exploration            | 195                  | 6             |  |  |  |
| A., , , , , , , ,      |                      |               |  |  |  |

Use terms as defined by the approved State program.

### **State Enforcement Activity**

#### **During Current Evaluation Year**

| Type of Enforcement Action                          | Number of<br>Actions A | Number of<br>Violations A |
|---|------------------------|---------------------------|
| Notice of Violation                                 | 162                    | 207                       |
| Failure-to-Abate Cessation Order                    | 19                     | 22                        |
| Imminent Harm Cessation Order                       | 0                      | 0                         |
| A Do not include those violations that were vacated | •                      |                           |

Do not include those violations that were vacated.

# **Lands Unsuitable Activity**

#### **During Current Evaluation Year**

|   | Number | Acreage |
|---|--------|---------|
| Number Petitions Received                   | 0      |         |
| Number Petitions Accepted                   | 0      |         |
| Number Petitions Rejected                   | 0      |         |
| Number Decisions Declaring Lands Unsuitable | 0      | 0       |
| Number Decisions Denying Lands Unsuitable   | 0      | 0       |

TABLE A

Alabama Abandoned Mine Lands

Problem Type Unit and Cost Summary

|                                  |           | Unf       | unded       | Fun    | ded       | Com     | pleted     | T         | otal        |
|----------------------------------|-----------|-----------|-------------|--------|-----------|---------|------------|-----------|-------------|
| Problem Type                     | Meas.     | Units     | Costs       | Units  | Costs     | Units   | Costs      | Units     | Costs       |
| Bench                            | (Acres)   | 0         | 0           | 0      | 0         | 23      | 4,009      | 23        | 4,009       |
| Clogged Streams                  | (Miles)   | 1         | 504,000     | 0      | 0         | 6       | 6          | 6         | 504,006     |
| Clogged Stream Lands             | (Acres)   | 123       | 131,400     | 0      | 0         | 198     | 610,547    | 321       | 741,947     |
| Dangerous Highwalls              | (Feet)    | 347,291   | 41,898,660  | 30,400 | 4,409,203 | 389,724 | 29,956,514 | 767,415   | 76,264,377  |
| Dangerous Impoundments           | (Count)   | 0         | 0           | 0      | 0         | 6       | 52,149     | 6         | 52,149      |
| Ind/Res Waste                    | (Acres)   | 71        | 52,443      | 1      | 2         | 22      | 11,883     | 94        | 64,328      |
| Dangerous Piles & Embankment     | (Acres)   | 2,008     | 2,676,693   | 43     | 295,600   | 2,235   | 2,871,202  | 4,286     | 5,843,495   |
| Dangerous Slides                 | (Acres)   | 20        | 108,500     | 1      | 75,000    | 54      | 1,454,611  | 74        | 1,638,111   |
| Equip/Facil.                     | (Count)   | 154       | 315,003     | 0      | 0         | 20      | 49,857     | 174       | 364,860     |
| Gases: Hazardous/Explosive       | (Count)   | 0         | 0           | 0      | 0         | 0       | 109,797    | 0         | 109,797     |
| Gobs                             | (Acres)   | 419       | 2,370,249   | 26     | 75,000    | 522     | 1,116,479  | 968       | 3,561,728   |
| Highwall                         | (Feet)    | 1,726,055 | 279,247,684 | 0      | 0         | 79,495  | 1,529,080  | 1,805,550 | 280,776,764 |
| Hazardous Equipment & Facilities | (Count)   | 412       | 388,000     | 17     | 90,000    | 485     | 224,824    | 914       | 702,824     |
| HaulRoad                         | (Acres)   | 3         | 1           | 0      | 0         | 4       | 3          | 7         | 4           |
| Hazardous Water Body             | (Count)   | 70        | 815,352     | 12     | 51,000    | 109     | 739,068    | 191       | 1,605,420   |
| Industrial/Residential Waste     | (Acres)   | 52        | 204,685     | 0      | 5,000     | 33      | 43,185     | 85        | 252,870     |
| Mine Opening                     | (Count)   | 201       | 651,100     | 0      | 0         | 82      | 38,790     | 283       | 689,890     |
| Other                            | ( )       | 70        | 227,655     | 2      | 1         | 75      | 46,798     | 147       | 274,454     |
| Portals                          | (Count)   | 199       | 536,600     | 100    | 221,002   | 1,119   | 1,763,002  | 1,418     | 2,520,604   |
| Pits                             | (Acres)   | 24        | 41,002      | 2      | 0         | 4       | 10,959     | 30        | 51,961      |
| Polluted Water: Agri. & Indus    | (Count)   | 2         | 2,890,000   | 4      | 372,120   | 9       | 1,719,429  | 15        | 4,981,549   |
| Polluted Water: Human Consmption | (Count)   | 1         | 2,202,613   | 0      | 0         | 17      | 1,262,970  | 18        | 3,465,583   |
| Subsidence                       | (Acres)   | 3         | 22,575      | 0      | 0         | 45      | 9,040,093  | 49        | 9,062,668   |
| Spoil Area                       | (Acres)   | 39,298    | 72,712,846  | 68     | 43,702    | 15,039  | 10,698,812 | 54,404    | 83,455,360  |
| Surface Burning                  | (Acres)   | 63        | 445,125     | 34     | 1,240,000 | 80      | 1,954,270  | 176       | 3,639,395   |
| Slurry                           | (Acres)   | 288       | 481,048     | 5      | 65,000    | 41      | 253,120    | 334       | 799,168     |
| Slump                            | (Acres)   | 9         | 46,001      | 0      | 0         | 10      | 65,621     | 19        | 111,622     |
| Vertical Opening                 | (Count)   | 27        | 141,176     | 3      | 7,000     | 443     | 812,305    | 473       | 960,481     |
| Water Problems                   | (Gal/Min) | 364       | 438,800     | 0      | 0         | 430     | 34,100     | 794       | 472,900     |
| Report Total                     |           |           | 409,549,211 |        | 6,949,630 |         | 66,473,483 |           | 482,972,324 |