

TABLE 1

COAL PRODUCTION (Millions of short tons)			
Period	Surface mines	Underground mines	Total
Coal production ^A for entire State:			
Annual Period			
1997	60	97	157
1998	56.2	92.4	148.6
1999*	36.9	65	101.9

^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.

* 1999 Tonnage is for three quarters of calendar year.

TABLE 2

INSPECTABLE UNITS As of September 30, 1999												
Coal mines and related facilities	Number and status of permits									Permitted acreage ^A (hundreds of acres)		
	Active or temporarily inactive		Inactive		Abandoned		Totals		Insp. Unit ^D			
	IP	PP	Phase II bond release									
			IP	PP	IP	PP	IP	PP	IP	PP	Total	
STATE and PRIVATE LANDS REGULATORY AUTHORITY: STATE												
Surface mines	0	906	0	118	4	9	4	1,033	1,037	1.8	4851.5	4853
Underground mines	0	904	1	58	0	9	1	971	972	3	13839.4	13842
Other facilities	0	425	0	5	0	3	0	433	433	0	716.1	716
totals	0	2,235	1	181	4	21	5	2,437	2,442	4.4	19407.1	19411
FEDERAL LANDS REGULATORY AUTHORITY: STATE												
Surface mines		9		1				0	10	10	25.2	25
Underground mines		24		2				0	26	26	368.3	368
Other facilities		2		1				0	3	3	8.3	8
totals	0	35	0	4	0	0	0	39	39	0	401.7	401
ALL LANDS ^B												
Surface mines	0	915	0	119	4	9	4	0	1047	1.8	4876.7	4878
Underground mines	0	928	1	60	0	9	1	997	998	2.6	14207.7	14210
Other facilities	0	427	0	6	0	3	0	436	436	0	724.4	724
totals	0	2270	1	185	4	21	5	2476	2481	4.4	19808.8	19813
number of permits per inspectable unit (excluding exploration sites)											<u>1</u>	
number of acres per inspectable unit (excluding exploration sites)											<u>798.6</u>	
number of exploration permits on State and private lands:											On Federal lands:	
number of exploration notices on State and private lands:											On Federal lands:	
On Federal Lands												
^B IP: Initial regulatory program sites. PP: Permanent regulatory program sites. A unit is located on more than one type of land, includes only the acreage located on the indicated type of land. C: The number of units may not equal the sum of the three preceding categories because a single inspectable unit may include lands in more than one of the preceding categories. D: Includes only exploration activities regulated by the State pursuant to a cooperative agreement with OSM or by OSM pursuant to a cooperative agreement with the State lands program. Excludes exploration regulated by the Bureau of Land Management. E: Inspectable Units includes multiple permits that have been grouped together as one unit for inspection frequency purposes by some programs.												

TABLE 3

**STATE PERMITTING ACTIVITY
As of September 30, 1999**

Type of application	Surface mines			Underground mines			Other facilities			Totals		
	App. Rec.	Issued	Acres	App. Rec.	Issued	Acres ^A	App. Rec.	Issued	Acres	App. Rec.	Issued	Acres
New permits	59	51	19086	39	29	n/a	8	14	1228	106	94	20,314
Amendments	62	63	9705	47	48	n/a	10	8	338	119	119	10,043
Renewals	112	90	n/a	232	154	n/a	132	102	n/a	476	346	0
Transfers, sales and assignments of permit rights	40	52		59	54		32	20		131	126	
Small operator assistance	-	-		-	-		-	-		-	-	
Exploration permits	0	0		0	0		0	0		0	0	
Exploration notices ^B												
Revisions (exclusive of incidental boundary revisions)		30			36			10			76	
Incidental boundary revisions		233	504		127	290		42	22		402	816
Totals	612	519	29,295	377	448	290	182	196	1,588	832	1,163	31,173

OPTIONAL - Number of mid-term permit reviews completed that are not reported as revisions 131

^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.

TABLE 4

OFF-SITE IMPACTS														
RESOURCES AFFECTED			People			Land			Water			Structures		
DEGREE OF IMPACT			minor	moderate	major	minor	moderate	major	minor	moderate	major	minor	moderate	major
TYPE OF IMPACT AND TOTAL NUMBER OF EACH TYPE	Blasting	7	0	0	1	0	0	5	0	0	0	0	0	1
	Land Stability	20	0	0	0	18	2	0	0	0	0	0	0	0
	Hydrology	55	0	0	0	7	0	0	40	3	0	4	1	0
	Encroachment	45	0	0	0	27	11	7	0	0	0	0	0	0
	Other	8	0	0	0	6	2	0	0	0	0	0	0	0
	Total	135	0	0	1	58	15	12	40	3	0	4	1	1
Total number of permits or mine sites. Permits <u>2,538</u> or Mine Sites _____														
Total number of permits or mine sites evaluated: Permits <u>110</u> or Mine Sites _____														
Total number of observations made to evaluate mine sites or permits for off-site impacts <u>135</u>														

Report the degree of impact under each resource that was affected by each type of impact. More than one resource may be affected by each type of impact. Therefore, the total number of impacts will likely be less than the total number of resources affected; i.e., the numbers under the resources columns will not necessarily add horizontally to equal the total number for each type of impact. To report the number of mine sites or permits use the same criteria used to determine an inspectable unit in the State. Number of observations is based upon the criteria developed between each State and OSM and may include observations by both the State and OSM.

***Off Site Impacts On Bond Forfeiture Sites Not Available**

TABLE 5

ANNUAL STATE MINING AND RECLAMATION RESULTS		
Bond release phase	Applicable performance standard	Acreage released during this evaluation period
Phase I	<ul style="list-style-type: none"> ● Approximate original contour restored ● Topsoil or approved alternative replaced 	10501.45
Phase II	<ul style="list-style-type: none"> ● Surface stability ● Establishment of vegetation 	7719.22
Phase III	<ul style="list-style-type: none"> ● Post-mining land use/productivity restored ● Successful permanent vegetation ● Groundwater recharge, quality and quantity restored ● Surface water quality and quantity restored 	19176.9
	Bonded Acreage Status^A	Acres
	Total number of bonded acres at end of last review period (September 30, 1998) ^B	Info not available
	Total number of bonded acres during this evaluation year	Info not available
	Number of acres bonded during this evaluation year that are considered remining, if available	Info not available
	Number of acres where bond was forfeited during this evaluation year (also report this acreage on Table 7)	284.76
<p>^A Bonded acreage is considered to approximate and represent the number of acres disturbed by surface coal mining and reclamation operations.</p> <p>^B Bonded acres in this category are those that have not received a Phase III or other final bond release (State maintains jurisdiction).</p>		

TABLE 6

STATE AND OSM ENFORCEMENT ACTIVITY						
Type of enforcement action taken	Actions taken by State		Actions taken by OSM on:			
			Sites where State is the primary regulatory authority		Sites where State is NOT the primary regulatory authority	
	Number of actions	Number of violations	Number of actions	Number of violations	Number of actions	Number of violations
Notice of violation issued	601	951	5**	5	-	-
Imminent harm cessation order issued	7	*	1	1	-	-
Failure-to-abate cessation order	68	*	2**	2	-	-
Show cause order issued for pattern of violations	0	0				
Permit suspended ^A	4					
Permit revoked	0					
Individual civil penalty assessed						
Criminal penalty requested						
Criminal penalty assessed						
Injunction requested						
Injunction obtained						
Settlement agreement approved in lieu of further enforcement action						
^A Average duration of permit suspension:			(State)		(OSM)	

*Information not available.

**Failure to pay AML fees or file OSM-1.

TABLE 6A

CITIZEN COMPLAINTS		
Number of complaints	State	OSM
Action pending as of October 1, 1998	9	16
Complaints received in EY 1998	785	86
Complaints referred to State	—	40
Complaints investigated	706	45
Responses provided to complainant	727	42
Action pending as of September 30, 1999	67	17

TABLE 6B

STATE INSPECTION ACTIVITY								
Type of inspectable unit	Number of inspections conducted		Percent of required inspections conducted ^A		Inspectable units for which State met required inspection frequency			
	Complete inspections	Partial inspections	Complete inspections	Partial inspections	Complete inspections		All inspections	
COAL MINES AND FACILITIES					Number	%	Number	%
Active	8878	14652	100%	100%	2270	100	2270	100
Inactive	739	427	100%	100%	186	100	186	100
Abandoned	82	98	100%	100%	25	100	25	100
Totals	9,699	15,177	100%	100%	2,481	100	2,481	100
Exploration permits ^B								
Exploration notices ^B	1453							

^A Calculated on a site-specific basis. Excess complete inspections are considered partial inspections. For each site, any inspections in excess of the total number required by the approved program are not included.

^B Includes all valid or unreclaimed notices and permits. No inspection frequency data are provided since SMCRA does not establish a minimum numerical inspection frequency for coal exploration activities.

TABLE 6C

STATE OF <u>KENTUCKY</u> ENFORCEMENT ACTIVITY		
PERIOD: October 1, 1998 - September 30, 1999		
Type of Enforcement Action	Number of Actions*	Number of Violations*
Notice of Violation	601	951
Failure-to-Abate Cessation Order	68	n/a
Imminent Harm Cessation Order	7	n/a

* Do not include those violations that were vacated.

TABLE 6D

<p style="text-align: center;">LANDS UNSUITABLE ACTIVITY STATE OF <u>KENTUCKY</u></p> <p style="text-align: center;">PERIOD: October 1, 1998 - September 30, 1999</p>			
Number of Petitions Received	1		
Number of Petitions Accepted	1		
Number of Petitions Rejected	0		
Number of Decisions Declaring Lands Unsuitable	0*	Acreage Declared as Being Unsuitable	
Number of Decisions Denying Lands Unsuitable	1*	Acreage Denied as Being Unsuitable	22,222

*Settlement was reached on Black Mountain Lands unsuitable petition #96-2.

TABLE 7

STATE BOND FORFEITURE ACTIVITY			
(Permanent Program Permits)			
	Number of Sites	Dollars	Disturbed Acres
Bonds forfeited as of September 30, 1998 ^A	518	24,614,004.34	19,157.87
Bonds forfeited during EY 1999	30	657,310.00	284.76
Forfeited bonds collected as September 30, 1998 ^A	518	24,614,004.34	19,157.87
Forfeited bonds collected during EY 1999	30	657,310.00	284.76
Forfeiture sites reclaimed during EY 1999	20	1,819,215.00 ^B	2,007.33
Forfeiture sites repermited during EY 1999	0		0
Forfeiture sites unreclaimed as of September 30, 1999	174	6,325,115.02	4,235.74
Excess reclamation costs recovered from permittee	0	0	
Excess forfeiture proceeds returned to permittee	4	7,122.06	
^A Includes data only for those forfeiture sites not fully reclaimed as of this date.			
^B Cost of reclamation, excluding general administrative expenses.			

TABLE 8

STATE STAFFING
(Full-time equivalents at end of evaluation year)

Function	EY 1999
Regulatory program	
Permit review (8 vacant)	42
Inspection (2 vacant)	102
Other (administrative, fiscal, personnel, etc.) (9 vacant)	256
TOTAL	400
AML program (4 vacant)	83

TABLE 9

FUNDS GRANTED TO KENTUCKY BY OSM (Millions of dollars) EY 1999		
Type of grant	Federal funds awarded	Federal funding as a percentage of total program costs
Administration and enforcement	12.52	50%
Abandoned mine lands	16.33	100%
Small operator assistance	1.57	100%
Totals	30.41	