

Appendix A

Tabular Summary of Core Data to
Characterize the Program

TABLE 1

COAL PRODUCTION (Millions of short tons)			
Annual Evaluation Period	Surface Mines	Underground Mines	Total
Coal production ^A for entire State:			
2001	51.723	76.061	127.784
2002	49.656	75.593	125.249
2003	45.216	71.190	116.406
TOTAL	146.595	222.844	369.439

^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.

TABLE 2

INSPECTABLE UNITS												
As of June 30, 2004												
Coal mines and related facilities	Number and status of permits								Insp. Units^D	Permitted acreage^A (hundreds of acres)		
	Active or temporarily inactive		Inactive Phase II bond release		Abandoned		Totals					
	IP	PP	IP	PP	IP	PP	IP	PP		IP	PP	Total
	STATE AND PRIVATE LANDS REGULATORY AUTHORITY: STATE											
Surface mines	0	786	0	53	1	9	1	850		0.42	4259	4259
Underground mines	0	728	0	22	2	2	2	756		0.08	11588	11588
Other facilities	0	353	0	1	0	1	0	355		0	485	485
Subtotals	0	1867	0	76	3	12	3	1961	0	0.5	16332	16332
FEDERAL LANDS REGULATORY AUTHORITY: STATE												
Surface mines	0	7	0	0	0	0	0	7		0	14	14
Underground mines	0	17	0	0	0	0	0	17		0	705	705
Other facilities	0	4	0	0	0	0	0	4		0	8	8
Subtotals	0	28	0	0	0	0	0	28	0	0	727	727
ALL LANDS^B												
Surface mines	0	793	0	53	1	9	1	857		0.42	4273	4273
Underground mines	0	745	0	22	2	2	2	773		0.08	12293	12293
Other facilities	0	357	0	1	0	1	0	359		0	493	493
Totals	0	1895	0	76	3	12	3	1989	0	0.5	17059	17059
Average number of permits per inspectable unit (excluding exploration sites)									<u> </u>			
Average number of acres per inspectable unit (excluding exploration sites)									<u> 858 </u>			
Number of exploration permits on state and private lands: <u> </u>									On Federal lands ^C : <u> </u>			
Number of exploration notices on State and private lands: <u> 340 </u>									On Federal lands ^C : <u> </u>			
* includes federal lands												
IP: Initial regulatory program sites												
PP: Permanent regulatory program sites												
^A When a unit is located on more than one type of land, include only the acreage located on the indicated type of land.												
^B Numbers 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.												
^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.												
^D Inspectable units includes multiple permits that have been grouped together as one unit for inspection frequency purposes by some state programs.												

TABLE 3

STATE PERMITTING ACTIVITY
As of June 30, 2004

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	87	66	15,421	28	18	17,292	9	2	102	124	86	32,815
Renewals	74	54	41,462	195	109	146,204	141	53	4,516	410	216	192,182
Transfers, sales, and assignments of permit rights	42	36		31	49		15	25		88	110	
Small operator assistance	24	32		1	3		0	0		25	35	
Exploration permits												
Exploration notices ^B		340									340	
Revisions (exclusive of incidental boundary revisions)		30			10			2			42	
Incidental boundary revisions		174	6,474		133	26,945		29	254		336	33,673
Amendments		52	6,488		48	23,396		9	303		109	30,187
Major revisions		18	1,466		19	4,731		0	0		37	6,197
Totals	227	802	71,311	255	389	218,568	165	120	5,175	647	1,311	295,054

****Exploration notices do not distinguish type of mining.**

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

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^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

DEGREE OF IMPACT		OFF-SITE IMPACTS RESOURCES AFFECTED														Total
		People			Land			Water			Structures					
		minor	moderate	major	minor	moderate	major	minor	moderate	major	minor	moderate	major			
Blasting						14								2	16	
Land Stability				45	4	1						3			53	
Hydrology				9	4	1	154	8	3			7	1		187	
Encroachment				73	7	5									85	
Other				62	3	2	11					1			79	
Total	0	0	0	189	18	23	165	8	3	11	1	11	1	2	420	
Total number of inspectable units:																
		1,992														
Inspectable units free of off-site impacts:																
		1,856														

TABLE 5

ANNUAL STATE MINING AND RECLAMATION RESULTS		
Bond Release Phase	Applicable Performance Standard	Acreage Released During This Evaluation Period
Phase I	- Approximate original contour restored - Topsoil or approved alternative replaced	10,951.70
Phase II	- Surface stability - Establishment of vegetation	3,735.60
Phase III	- Post-mining land use/productivity restored - Successful permanent vegetation - Groundwater recharge, quality, and quantity restored - Surface water quality and quantity restored	11,122.40
	Bonded Acreage Status^A	Acres
Total number of bonded acres at end of last review period (June 30, 2003) ^B		1,689,300.00
Total number of bonded acres during this evaluation year.		346,848.80
Number of acres bonded during this evaluation year that are considered remining, if available.		N/A
Number of acres where bond was forfeited during this evaluation year (also report this acreage on Table 7).		284.00

^A 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).

TABLE 6

STATE AND OSM ENFORCEMENT ACTIVITY				
Type of Enforcement	Actions Taken by State		Actions Taken by OSM	
	Number of Actions	Number of Violations	Number of Actions	Number of Violations
Notice of violation issued	721	1,360	0	0
Imminent harm cessation order issued	32	42	0	0
Failure-to-abate cessation order issued	183	396	0	0
Show-cause order issued for pattern of violations	1			
Permit suspended ^A	1			
Permit revoked	1			
Individual civil penalty assessed	7			
Criminal penalty requested	0			
Criminal penalty assessed	0			
Injunction requested	7			
Injunction obtained	9			
Settlement agreement approved in lieu of further enforcement action	130			

^A Average duration of permit suspension: 8.75 months

TABLE 6A

CITIZEN COMPLAINTS		
Number of Complaints	State	OSM
Actions pending as of June 30, 2003	119	23
Complaints received in EY 2004	714	41
Complaints referred to state		41
Complaints investigated	670	55
Responses provided to complainant	572	55
Actions pending as of June 30, 2004	163	9

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	7,465	14,438	99.83%	99.97%	1,882	99.31%	1,878	99.10%
Inactive	344	178	99.71%		75	98.68%	75	98.68%
Abandoned	49	64	98.00%		11	91.67%	11	91.67%
TOTALS	7,858	14,680	99.81%	99.97%	1,968	99.24%	1,964	99.04%
Exploration permits ^B	1,484	688						

^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 7

STATE BOND FORFEITURE ACTIVITY (Permanent Program Permits)		
Bond Forfeiture Reclamation Activity by SRA	Number of Sites	Acres
Sites with bonds forfeited and collected that were unreclaimed as of June 30, 2003 (end of previous evaluation year) ^A	89	2,042.87
Sites with bonds forfeited and collected during Evaluation Year 2004 (current year)	10	284.00
Sites with bonds forfeited and collected that were re-permitted during Evaluation Year 2004 (current year)	0	0.00
Sites with bonds forfeited and collected that were reclaimed during Evaluation Year 2004 (current year)	11	459.71
Sites with bonds forfeited and collected that were unreclaimed as of June 30, 2004 (end of current year) ^A	88*	1,867.16
Sites with bonds forfeited but uncollected as of June 30, 2004 (end of current year)		
Surety/Other Reclamation (In Lieu of Forfeiture)		
Sites being reclaimed by surety/other party as of June 30, 2003 (end of previous evaluation year) ^B	15	6,098.00
Sites where surety/other party agreed to do reclamation during Evaluation Year 2004 (current year)	11	3,144.00
Sites being reclaimed by surety/other party that were re-permitted during Evaluation Year 2004 (current year)	0	
Sites with reclamation completed by surety/other party during Evaluation Year 2004 (current year) ^C	4	2,953.90
Sites being reclaimed by surety/other party as of June 30, 2004 (current evaluation year) ^B	11	3,144.10
^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 ^C This number also is reported in Table 5 as Phase III bond release has been granted on these sites		

* This number is inflated. Kentucky groups numerous sites in a bid package for reclamation. Individual sites are not considered reclaimed until reclamation on the entire group is completed.

TABLE 8

KENTUCKY STAFFING (Full-time equivalents at the end of evaluation year)	
Function	EY 2004
Regulatory Program	
Permit review	88.00
Inspection	193.00
Other (administrative, fiscal, personnel, etc.)	34.00
Regulatory Program Total	315.00
AML Program Total	80.00
TOTAL	395.00

TABLE 9

FUNDS GRANTED TO KENTUCKY BY OSM (Millions of dollars) EY 2004		
Type of Grant	Federal Funds Awarded	Federal Funding as a Percentage of Total Program Costs
Administration and Enforcement	12.313	52%
Small Operator Assistance	0.733	100%
Totals	13.046	

TABLE 10

**STATE OF KENTUCKY
INSPECTION ACTIVITY**

PERIOD: JULY 1, 2003 - JUNE 30, 2004

Inspectable Unit Status	Number of Inspections Conducted	
	Complete	Partial
Active*	7,465	14,438
Inactive*	344	178
Abandoned*	49	64
Exploration	1,484	688

* Use terms as defined by the approved state program.

TABLE 11

**STATE OF KENTUCKY
ENFORCEMENT ACTIVITY****PERIOD: JULY 1, 2003 - JUNE 30, 2004**

Type of Enforcement Action	Number of Actions*	Number of Violations*
Notice of Violation	721	1,360
Failure-to-Abate Cessation Order	183	396
Imminent Harm Cessation Order	32	42

* Does not include those violations that were vacated.

TABLE 12

**LANDS UNSUITABLE ACTIVITY
KENTUCKY**

PERIOD: JULY 1, 2003 - JUNE 30, 2004

Number of Petitions Received	0		
Number of Petitions Accepted	0		
Number of Petitions Rejected	0		
Number of Decisions Declaring Lands Unsuitable	0	Acreage Declared as Being Unsuitable	0
Number of Decisions Denying Lands Unsuitable	0	Acreage Denied as Being Unsuitable	0

Appendix B

State Comments on the Report



ERNIE FLETCHER
GOVERNOR

ENVIRONMENTAL AND PUBLIC PROTECTION CABINET

DEPARTMENT FOR NATURAL RESOURCES
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LAJUANA S. WILCHER
SECRETARY

SUSAN C. BUSH
COMMISSIONER

August 27, 2004

Mr. William J. Kovacic
Lexington Field Office
Office of Surface Mining
2675 Regency Road
Lexington, KY 40503

Dear Mr. Kovacic:

Thank you for the opportunity to comment on the draft Evaluation Year 2004 Annual Report.

Page 4, Table of # of Surface Mines/Permitted Acreage - The number of surface mines with permitted acreage greater than 1,000 acres should be corrected to 143 for Evaluation Year 2003.

Page 6, Paragraph 4 - The Small Coal Operators Advisory Council is not a coal association. The council is a 15-member body appointed by the Governor. Its function is to advise on matters affecting coal production and utilization including coal market development, transportation and storage problems. It also functions in coordinating and improving the working relationships between those state agencies that regulate, serve or aid small coal operators.

Page 7-A, Regulatory, 1. Blackwater - Paragraph 1 - Please delete reference to OSM, DNR and other EPPC departments from the list of those individuals appointed to the Blackwater Task Force. These entities are not members, but have attended the meetings of the Blackwater Task Force to provide technical support and advice.

Page 7-A, Regulatory, 1. Blackwater - Paragraph 2 - The statement that "The number of blackwater spills had increased during late 2003 and early 2004 is inaccurate. After the Martin County Coal Company slurry spill, the press was in disbelief that these spills continued to happen. Attorney General Stumbo announced that if the spills did not stop, his office would bring criminal charges against those responsible. Against this backdrop, Secretary Wilcher created the Task Force.

Mr. William J. Kovacic
Page Two
August 27, 2004

Page 8, Paragraph 2 – The statement that “In response to its findings, DNR implemented additional procedures for the regional and central offices to follow” should be changed to read “ In response to its findings, DNR formalized internal procedures to coordinate response activities with the Division of Water.

Page 11 - Mine Mapping Initiative – As of August 20, DNR had deployed 2,078 new mine maps to the web site, with an additional 2,123 packaged and ready for deployment.

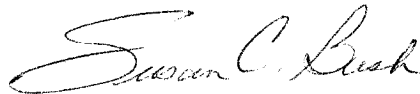
Global Comment - All reference to Department of Mines & Minerals (DMM) should be revised to Office of Mine Safety and Licensing.

Page 14, 11 - Geographic Information System - The statement that “The addition of new maps has slowed somewhat due to the current workload involved with scanning the historic deep mine maps for the Kentucky mine mapping initiative is incorrect. Scanning for the Mine Mapping Initiative is being performed by personnel in the Office of Mine Safety and Licensing and is unrelated to the effort discussed in this paragraph. We have no data to suggest that our scanning effort of our historic Mylar overlays has slowed.

Page 16, 2 - Bond Forfeiture Reclamation - The last sentence should be amended to read, “Information in Table 7 shows that 20 acres were forfeited and reclaimed on permanent program sites during the EY.

Page 27 – Oversight Studies - The Office of Surface Mining’s oversight study “*Workload and Staffing Analysis on MSHA-Class Impoundments*” has not been formally submitted to the Department for Natural Resources for review and comment, and as such, draft findings should not be included in the Evaluation Year 2004 Annual Report.

Sincerely,



Susan C. Bush, P.G.
Commissioner

cc: Larry Adams

Appendix C

Permittees Issued Non-
Compliances by DNR
(Listed by Descending Number of
Non-Compliances)

Permittee	# NCs	Violations	Permits in Violation	Total Permits	Permitted Acres	Disturbed Acres
LODESTAR ENERGY INC	61	150	29	11	14,642.82	1,864.36
CONSOL OF KENTUCKY INC	36	69	19	49	61,197.98	3,841.07
NALLY & HAMILTON ENTERPRISES INC	31	55	16	31	19,375.49	10,326.88
LESLIE RESOURCES INC	26	62	13	42	30,398.27	15,212.46
AEP KENTUCKY COAL LLC	26	35	17	62	56,671.48	10,475.07
HNR MINING INC	23	39	16	51	20,892.22	11,400.63
MARTIN COUNTY COAL CORPORATION	22	49	14	34	25,322.26	8,871.87
COOK AND SONS MINING INC	20	38	9	21	23,962.03	1,496.68
SIDNEY COAL COMPANY INC	18	29	10	48	81,042.37	1,746.14
CHEYENNE RESOURCES INC	11	23	6	13	4,816.67	3,989.34
HANNCO ENERGY CORPORATION	10	28	6	8	2,094.77	1,592.46
APEX ENERGY INC	10	17	7	16	10,361.77	3,301.40
CENTENNIAL RESOURCES INC	10	16	6	8	4,226.98	2,878.20
ISLAND FORK CONSTRUCTION LTD	9	24	3	3	1,082.40	545.00
BLACK HILLS COAL INC	9	21	4	4	1,269.60	925.00
FCDC COAL INC	9	20	7	19	13,625.91	197.64
MINNEHAN MINING LLC	9	14	1	1	288.86	40.00
PREMIER ELKHORN COAL COMPANY	9	11	6	41	43,992.61	6,898.67
CZAR COAL CORPORATION	9	10	4	27	24,590.37	2,767.96
KNOTT COUNTY MINING COMPANY	8	14	4	8	9,929.97	372.00
MOTTS BRANCH COAL INC	8	14	4	21	12,406.70	2,806.16
RED STAR COAL COMPANY	8	13	2	2	1,021.94	792.36
I7 WEST MINING INC	8	11	7	16	11,144.90	7,230.00
SUNNY RIDGE MINING COMPANY INC	7	17	4	20	10,048.60	4,096.34
FRASURE CREEK MINING LLC	7	11	3	5	6,485.57	447.00
C & R COAL COMPANY INC	7	9	3	3	357.10	149.30
STRAIGHT CREEK COAL RESOURCES COMPANY	7	8	1	28	22,762.31	19,447.60
STAR FIRE MINING COMPANY	6	16	3	10	7,864.04	6,178.42
MC MINING LLC	6	12	3	3	9,287.24	193.00
CLINTWOOD ELKHORN MINING COMPANY	6	11	5	34	33,727.33	1,199.26
CAMBRIAN COAL CORPORATION	6	8	3	12	4,063.38	2,866.20
CHAS COAL LLC	6	7	6	30	17,798.58	2,995.84
LOCUST GROVE INC	6	7	5	14	6,536.67	3,073.58
DIAMOND MAY COAL COMPANY	5	11	2	19	16,349.80	3,176.60
H & D COAL COMPANY INC	5	9	2	2	582.61	295.00
APPALACHIAN FUELS LLC	5	8	3	7	4,108.86	1,638.15
HARLAN-CUMBERLAND COAL COMPANY LLC	5	7	2	6	13,898.96	396.54
APPOLO FUELS INC	5	6	4	28	11,506.88	1,791.87
SOLOMONS MINING COMPANY	5	6	3	8	3,299.81	1,656.42
MAGIC COAL COMPANY	4	13	2	1	2,180.30	70.00
STURGEON MINING COMPANY INC	4	9	2	9	1,066.36	436.08
CENTRAL APPALACHIA MINING LLC	4	7	3	23	11,292.87	1,295.48
EASTERN RESOURCES INC	4	7	1	1	199.00	199.00
MARTIN COAL PROCESSING CORPORATION	4	7	1	1	12.00	12.00
RICHARDSON FUEL INC	4	6	2	8	4,830.89	534.70

Permittee	# NCs	Violations	Permits in Violation	Total Permits	Permitted Acres	Disturbed Acres
BRANHAM & BAKER COAL COMPANY INC	4	5	2	1	82.40	2.00
MCCOY ELKHORN COAL CORPORATION	4	5	4	26	35,418.19	498.33
LONE MOUNTAIN PROCESSING INC	4	4	3	5	37,190.00	147.50
HARLAN RECLAMATION SERVICES LLC	3	12	3	19	38,791.28	1,664.77
CUMBERLAND RIVER COAL COMPANY	3	7	2	12	13,980.36	1,091.48
T & W ENTERPRISES LLC	3	7	1	1	15.80	10.00
LEE-PAUL COAL COMPANY INC	3	6	3	3	115.85	81.75
MCCOY COAL COMPANY	3	6	1	1	1,359.77	1,144.16
WHITAKER COAL CORPORATION	3	6	2	13	20,152.27	1,297.17
CNS MINING INC	3	5	1	1	2,670.16	7.40
EVERGREEN MINING INC	3	5	2	4	404.92	137.60
RUST MINING LLC	3	5	1	1	140.00	90.00
ADDINGTON INC	3	4	2	4	3,578.32	3,066.84
BSE MINING INC	3	4	2	2	635.04	20.00
JOHNS CREEK PROCESSING COMPANY	3	4	1	6	4,015.49	290.81
KELLY BRANCH RESOURCES INC	3	4	1	1	1,554.91	10.00
MILLER BROS CONST INC	3	4	1	1	2,530.09	2,300.00
MINE RITE COAL CO INC	3	4	2	9	1,918.77	216.85
NEW RIDGE MINING COMPANY	3	4	2	8	3,265.74	315.74
ROAD FORK DEVELOPMENT COMPANY INC	3	4	1	11	23,782.20	785.47
JAMIESON CONSTRUCTION COMPANY	3	3	2	11	2,251.94	743.54
KENTUCKY MAY COAL COMPANY INC	3	3	3	23	19,083.36	556.61
LEECO INC	3	3	1	12	26,477.67	357.33
MANALAPAN MINING COMPANY INC	3	3	2	12	16,221.24	807.94
MILLER BROS COAL INC	3	3	3	13	8,868.52	4,758.50
VERNON SPURLOCK	2	9	1	2	126.10	5.40
BLEDSE COAL CORPORATION	2	7	1	22	32,959.23	1,887.68
G & G ENERGIES INC	2	7	1	1	23.40	17.30
BDCC HOLDING COMPANY INC	2	6	2	22	36,231.23	739.59
BEAVER MINERALS INC	2	6	1	1	166.74	100.00
DEMA COAL COMPANY INC	2	6	1	2	639.75	5.70
FOSSIL FUEL LEASING INC	2	6	2	1	276.32	114.13
ALPHA MINING CO	2	5	1	1	789.30	30.00
BEAR FORK RESOURCES LLC	2	5	1	1	1,400.57	200.00
IKERD-BANDY CO INC	2	5	1	7	5,170.21	3,094.16
JOHNSON-FLOYD COAL COMPANY LLC	2	5	1	1	101.08	40.00
B R C COAL COMPANY INCORPORATED	2	4	1	2	743.59	410.96
CORBIN MINING LLC	2	4	2	2	532.44	350.00
ENTERPRISE MINING COMPANY LLC	2	4	2	29	37,143.06	986.86
H B & S COAL COMPANY INC	2	4	2	3	341.39	158.48
HOLBROOK MINING COMPANY INC	2	4	1	2	294.21	173.00
KING BROTHERS COAL INC	2	4	1	1	583.40	8.35
M & D PIPELINE INC	2	4	2	2	2,441.94	424.40
MASSIVE MINING INC	2	4	1	1	155.10	17.00
NEW HORIZONS COAL INC	2	4	1	15	11,846.35	908.16

Permittee	# NCs	Violations	Permits in Violation	Total Permits	Permitted Acres	Disturbed Acres
BLACK DIAMOND RESOURCES INC	2	3	1	4	1,830.40	610.00
D & C MINING CORPORATION	2	3	2	2	296.90	17.00
SAND HILL ENERGY INC	2	3	2	6	198.40	31.80
SEQUOIA ENERGY LLC	2	3	2	11	5,260.80	47.50
WHITE CLOUD MINING CO INC	2	3	1	1	246.14	9.00
AUSTIN COAL INC	2	2	1	1	424.92	190.00
DEBRA LYNN COALS INC	2	2	2	6	2,769.50	480.79
DIXIE FUEL COMPANY LLC	2	2	2	5	4,796.80	248.93
H B COAL INC	2	2	1	1	68.60	5.00
NOBLE CONSTRUCTION	2	2	1	1	14.30	9.00
PETER FORK MINING COMPANY	2	2	1	9	4,589.32	475.54
REX COAL COMPANY INC	2	2	2	3	1,941.23	4.00
MAGNUM MINING INC	1	10	1	1	594.85	60.00
ROCKCASTLE MINING COMPANY INC	1	6	1	2	416.45	192.44
RGT MINING AND CONSTRUCTION CO	1	5	1	1	215.00	9.00
SLY BRANCH ENERGY INC	1	5	1	1	275.01	16.00
CAMPTON PROCESSING LLC	1	4	1	1	7.52	7.50
KENTUCKY UNITED COAL LLC	1	4	1	4	2,630.40	1,323.60
KINNEY BRANCH COAL COMPANY INC	1	4	1	1	100.66	7.01
WAYNE REID & DARRELL MCQUEEN CONSTRUCTION	1	4	1			
ARGUS ENERGY LLC	1	3	1	9	4,845.84	642.54
BEVINS BRANCH RESOURCES INC	1	3	1	1	1,567.84	600.00
EVERGREEN LAND CORPORATION	1	3	1	1	458.24	4.70
KEYSTONE SENIOR LLC	1	3	1			
MAVERICK MINING COMPANY LLC	1	3	1	1	112.65	5.00
NEW HARLAN BLOCK COAL INC	1	3	1	2	115.11	5.10
PATSY JANE COAL COMPANY	1	3	1	2	517.58	290.00
SCHOATE MINING CO LLC	1	3	1	2	2,026.50	580.00
SHAMROCK COAL COMPANY INCORPORATED	1	3	1	10	20,390.08	855.15
THE ELK HORN COAL COMPANY LLC	1	3	1	8	8,539.71	62.20
ANDALEX RESOURCES INC	1	2	1	1	182.00	43.00
BELL COUNTY COAL CORPORATION	1	2	1	14	20,739.78	1,297.70
BONICO FUEL INC	1	2	1	1	78.62	43.12
CANDLE RIDGE MINING INC	1	2	1	6	1,281.30	89.30
D & M LAND WORKS LLC	1	2	1	2	128.30	18.60
D S ENERGY INC	1	2	1	3	2,490.26	10.05
LWF LEASING LLC	1	2	1	4	1,257.73	19.01
PATRICK PROCESSING LLC	1	2	1	3	1,794.16	17.50
PATRIOT COAL COMPANY LTD	1	2	1	11	15,251.22	3,557.00
PENNYRILE COAL CO INC	1	2	1	2	7,892.81	1,014.90
PHILLIP F BURDEN	1	2	1	2	118.00	90.00
PONTIKI COAL LLC	1	2	1	6	20,329.00	185.80
PRICE COAL COMPANY INC	1	2	1	1	243.21	3.21
RESOURCE LAND COMPANY LLC	1	2	1	2	10,202.90	412.00
RING COAL SALES INC	1	2	1	1	165.52	6.98

Permittee	# NCs	Violations	Permits in Violation	Total Permits	Permitted Acres	Disturbed Acres
ROADSIDE PROCESSING INC	1	2	1	2	145.15	145.15
STRATA MINING INC	1	2	1	4	1,618.20	825.00
ALLEY-CASSETTY COAL CO INC	1	1	1	3	1,098.20	170.00
B & C ENERGY INC	1	1	1	2	163.46	35.00
BEECH CREEK ENERGY INC	1	1	1	2	85.75	35.45
BEECH FORK PROCESSING INC	1	1	1	18	15,938.65	1,572.41
BERKELEY ENERGY CORPORATION	1	1	1	13	5,247.45	249.69
BUCKHORN PROCESSING COMPANY	1	1	1	4	394.85	322.85
C G M COAL CO INC	1	1	1	1	534.53	5.00
EVANS COAL CORPORATION	1	1	1	3	861.95	155.00
HARDSHELL TIPPLES INC	1	1	1	1	889.06	9.00
IKERD COAL COMPANY LLC	1	1	1	2	992.50	43.00
JERICOL MINING INC	1	1	1	15	17,111.35	1,119.99
JESS BOWLING	1	1	1	1	132.70	30.00
JOHNS CREEK COAL COMPANY	1	1	1	2	5,611.35	58.00
KANNAN MINING COMPANY	1	1	1	3	387.47	158.62
KENTUCKY SOUTHERN COAL CORPORATION	1	1	1	1	259.00	43.00
LITTLE BOYD COAL CO INC	1	1	1	1	405.74	250.00
LITTLE CREEK VENTURE LLC	1	1	1	1	896.30	6.00
M & J TRUCKING	1	1	1	1	86.85	62.45
M & T LOGGING INC	1	1	1	1	94.00	15.00
MARATHON COAL CORPORATION	1	1	1	1	101.29	2.29
MARE CREEK SAND COMPANY INCORPORATED	1	1	1	1	3.97	3.97
PETER CAVE MINING COMPANY	1	1	1	5	14,891.90	845.71
PINNACLE COAL CORPORATION	1	1	1	1	5.90	5.90
R & L WINN INC	1	1	1	1	201.60	67.00
R M MINING COMPANY INC	1	1	1			
T & T COAL INC	1	1	1	8	556.00	223.60
THE ELK HORN COAL CORPORATION	1	1	1	1	514.13	8.00
WEDDINGTON BRANCH MINING CO INC	1	1	1	1	161.60	166.50

Appendix D

Permittees Issued Non-
Compliances by DNR
(Listed Alphabetically)

Permittee	# NCs	Violations	Permits in Violation	Total Permits	Permitted Acres	Disturbed Acres
17 WEST MINING INC	8	11	7	16	11,144.90	7,230.00
ADDINGTON INC	3	4	2	4	3,578.32	3,066.84
AEP KENTUCKY COAL LLC	26	35	17	62	56,671.48	10,475.07
ALLEY-CASSETTY COAL CO INC	1	1	1	3	1,098.20	170.00
ALPHA MINING CO	2	5	1	1	789.30	30.00
ANDALEX RESOURCES INC	1	2	1	1	182.00	43.00
APEX ENERGY INC	10	17	7	16	10,361.77	3,301.40
APPALACHIAN FUELS LLC	5	8	3	7	4,108.86	1,638.15
APPOLO FUELS INC	5	6	4	28	11,506.88	1,791.87
ARGUS ENERGY LLC	1	3	1	9	4,845.84	642.54
AUSTIN COAL INC	2	2	1	1	424.92	190.00
B & C ENERGY INC	1	1	1	2	163.46	35.00
B R C COAL COMPANY INCORPORATED	2	4	1	2	743.59	410.96
BDCC HOLDING COMPANY INC	2	6	2	22	36,231.23	739.59
BEAR FORK RESOURCES LLC	2	5	1	1	1,400.57	200.00
BEAVER MINERALS INC	2	6	1	1	166.74	100.00
BEECH CREEK ENERGY INC	1	1	1	2	85.75	35.45
BEECH FORK PROCESSING INC	1	1	1	18	15,938.65	1,572.41
BELL COUNTY COAL CORPORATION	1	2	1	14	20,739.78	1,297.70
BERKELEY ENERGY CORPORATION	1	1	1	13	5,247.45	249.69
BEVINS BRANCH RESOURCES INC	1	3	1	1	1,567.84	600.00
BLACK DIAMOND RESOURCES INC	2	3	1	4	1,830.40	610.00
BLACK HILLS COAL INC	9	21	4	4	1,269.60	925.00
BLEDSE COAL CORPORATION	2	7	1	22	32,959.23	1,887.68
BONICO FUEL INC	1	2	1	1	78.62	43.12
BRANHAM & BAKER COAL COMPANY INC	4	5	2	1	82.40	2.00
BSE MINING INC	3	4	2	2	635.04	20.00
BUCKHORN PROCESSING COMPANY	1	1	1	4	394.85	322.85
C & R COAL COMPANY INC	7	9	3	3	357.10	149.30
C G M COAL CO INC	1	1	1	1	534.53	5.00
CAMBRIAN COAL CORPORATION	6	8	3	12	4,063.38	2,866.20
CAMPTON PROCESSING LLC	1	4	1	1	7.52	7.50
CANDLE RIDGE MINING INC	1	2	1	6	1,281.30	89.30
CENTENNIAL RESOURCES INC	10	16	6	8	4,226.98	2,878.20
CENTRAL APPALACHIA MINING LLC	4	7	3	23	11,292.87	1,295.48
CHAS COAL LLC	6	7	6	30	17,798.58	2,995.84
CHEYENNE RESOURCES INC	11	23	6	13	4,816.67	3,989.34
CLINTWOOD ELKHORN MINING COMPANY	6	11	5	34	33,727.33	1,199.26
CNS MINING INC	3	5	1	1	2,670.16	7.40
CONSOL OF KENTUCKY INC	36	69	19	49	61,197.98	3,841.07
COOK AND SONS MINING INC	20	38	9	21	23,962.03	1,496.68
CORBIN MINING LLC	2	4	2	2	532.44	350.00
CUMBERLAND RIVER COAL COMPANY	3	7	2	12	13,980.36	1,091.48
CZAR COAL CORPORATION	9	10	4	27	24,590.37	2,767.96
D & C MINING CORPORATION	2	3	2	2	296.90	17.00

Permittee	# NCs	Violations	Permits in Violation	Total Permits	Permitted Acres	Disturbed Acres
D & M LAND WORKS LLC	1	2	1	2	128.30	18.60
D S ENERGY INC	1	2	1	3	2,490.26	10.05
DEBRA LYNN COALS INC	2	2	2	6	2,769.50	480.79
DEMA COAL COMPANY INC	2	6	1	2	639.75	5.70
DIAMOND MAY COAL COMPANY	5	11	2	19	16,349.80	3,176.60
DIXIE FUEL COMPANY LLC	2	2	2	5	4,796.80	248.93
EASTERN RESOURCES INC	4	7	1	1	199.00	199.00
ENTERPRISE MINING COMPANY LLC	2	4	2	29	37,143.06	986.86
EVANS COAL CORPORATION	1	1	1	3	861.95	155.00
EVERGREEN LAND CORPORATION	1	3	1	1	458.24	4.70
EVERGREEN MINING INC	3	5	2	4	404.92	137.60
FCDC COAL INC	9	20	7	19	13,625.91	197.64
FOSSIL FUEL LEASING INC	2	6	2	1	276.32	114.13
FRASURE CREEK MINING LLC	7	11	3	5	6,485.57	447.00
G & G ENERGIES INC	2	7	1	1	23.40	17.30
H & D COAL COMPANY INC	5	9	2	2	582.61	295.00
H B & S COAL COMPANY INC	2	4	2	3	341.39	158.48
H B COAL INC	2	2	1	1	68.60	5.00
HANCO ENERGY CORPORATION	10	28	6	8	2,094.77	1,592.46
HARDSHELL TIPPLES INC	1	1	1	1	889.06	9.00
HARLAN RECLAMATION SERVICES LLC	3	12	3	19	38,791.28	1,664.77
HARLAN-CUMBERLAND COAL COMPANY LLC	5	7	2	6	13,898.96	396.54
HNR MINING INC	23	39	16	51	20,892.22	11,400.63
HOLBROOK MINING COMPANY INC	2	4	1	2	294.21	173.00
IKERD COAL COMPANY LLC	1	1	1	2	992.50	43.00
IKERD-BANDY CO INC	2	5	1	7	5,170.21	3,094.16
ISLAND FORK CONSTRUCTION LTD	9	24	3	3	1,082.40	545.00
JAMIESON CONSTRUCTION COMPANY	3	3	2	11	2,251.94	743.54
JERICOL MINING INC	1	1	1	15	17,111.35	1,119.99
JESS BOWLING	1	1	1	1	132.70	30.00
JOHNS CREEK COAL COMPANY	1	1	1	2	5,611.35	58.00
JOHNS CREEK PROCESSING COMPANY	3	4	1	6	4,015.49	290.81
JOHNSON-FLOYD COAL COMPANY LLC	2	5	1	1	101.08	40.00
KANNAN MINING COMPANY	1	1	1	3	387.47	158.62
KELLY BRANCH RESOURCES INC	3	4	1	1	1,554.91	10.00
KENTUCKY MAY COAL COMPANY INC	3	3	3	23	19,083.36	556.61
KENTUCKY SOUTHERN COAL CORPORATION	1	1	1	1	259.00	43.00
KENTUCKY UNITED COAL LLC	1	4	1	4	2,630.40	1,323.60
KEYSTONE SENIOR LLC	1	3	1			
KING BROTHERS COAL INC	2	4	1	1	583.40	8.35
KINNEY BRANCH COAL COMPANY INC	1	4	1	1	100.66	7.01
KNOTT COUNTY MINING COMPANY	8	14	4	8	9,929.97	372.00
LEE-PAUL COAL COMPANY INC	3	6	3	3	115.85	81.75
LEECO INC	3	3	1	12	26,477.67	357.33
LESLIE RESOURCES INC	26	62	13	42	30,398.27	15,212.46

Permittee	# NCs	Violations	Permits in Violation	Total Permits	Permitted Acres	Disturbed Acres
LITTLE BOYD COAL CO INC	1	1	1	1	405.74	250.00
LITTLE CREEK VENTURE LLC	1	1	1	1	896.30	6.00
LOCUST GROVE INC	6	7	5	14	6,536.67	3,073.58
LODESTAR ENERGY INC	61	150	29	11	14,642.82	1,864.36
LONE MOUNTAIN PROCESSING INC	4	4	3	5	37,190.00	147.50
LWF LEASING LLC	1	2	1	4	1,257.73	19.01
M & D PIPELINE INC	2	4	2	2	2,441.94	424.40
M & J TRUCKING	1	1	1	1	86.85	62.45
M & T LOGGING INC	1	1	1	1	94.00	15.00
MAGIC COAL COMPANY	4	13	2	1	2,180.30	70.00
MAGNUM MINING INC	1	10	1	1	594.85	60.00
MANALAPAN MINING COMPANY INC	3	3	2	12	16,221.24	807.94
MARATHON COAL CORPORATION	1	1	1	1	101.29	2.29
MARE CREEK SAND COMPANY INCORPORATED	1	1	1	1	3.97	3.97
MARTIN COAL PROCESSING CORPORATION	4	7	1	1	12.00	12.00
MARTIN COUNTY COAL CORPORATION	22	49	14	34	25,322.26	8,871.87
MASSIVE MINING INC	2	4	1	1	155.10	17.00
MAVERICK MINING COMPANY LLC	1	3	1	1	112.65	5.00
MC MINING LLC	6	12	3	3	9,287.24	193.00
MCCOY COAL COMPANY	3	6	1	1	1,359.77	1,144.16
MCCOY ELKHORN COAL CORPORATION	4	5	4	26	35,418.19	498.33
MILLER BROS COAL INC	3	3	3	13	8,868.52	4,758.50
MILLER BROS CONST INC	3	4	1	1	2,530.09	2,300.00
MINE RITE COAL CO INC	3	4	2	9	1,918.77	216.85
MINNEHAN MINING LLC	9	14	1	1	288.86	40.00
MOTTS BRANCH COAL INC	8	14	4	21	12,406.70	2,806.16
NALLY & HAMILTON ENTERPRISES INC	31	55	16	31	19,375.49	10,326.88
NEW HARLAN BLOCK COAL INC	1	3	1	2	115.11	5.10
NEW HORIZONS COAL INC	2	4	1	15	11,846.35	908.16
NEW RIDGE MINING COMPANY	3	4	2	8	3,265.74	315.74
NOBLE CONSTRUCTION	2	2	1	1	14.30	9.00
PATRICK PROCESSING LLC	1	2	1	3	1,794.16	17.50
PATRIOT COAL COMPANY LTD	1	2	1	11	15,251.22	3,557.00
PATSY JANE COAL COMPANY	1	3	1	2	517.58	290.00
PENNYRILE COAL CO INC	1	2	1	2	7,892.81	1,014.90
PETER CAVE MINING COMPANY	1	1	1	5	14,891.90	845.71
PETER FORK MINING COMPANY	2	2	1	9	4,589.32	475.54
PHILLIP F BURDEN	1	2	1	2	118.00	90.00
PINNACLE COAL CORPORATION	1	1	1	1	5.90	5.90
PONTIKI COAL LLC	1	2	1	6	20,329.00	185.80
PREMIER ELKHORN COAL COMPANY	9	11	6	41	43,992.61	6,898.67
PRICE COAL COMPANY INC	1	2	1	1	243.21	3.21
R & L WINN INC	1	1	1	1	201.60	67.00
R M MINING COMPANY INC	1	1	1			
RED STAR COAL COMPANY	8	13	2	2	1,021.94	792.36

Permittee	# NCs	Violations	Permits in Violation	Total Permits	Permitted Acres	Disturbed Acres
RESOURCE LAND COMPANY LLC	1	2	1	2	10,202.90	412.00
REX COAL COMPANY INC	2	2	2	3	1,941.23	4.00
RGT MINING AND CONSTRUCTION CO	1	5	1	1	215.00	9.00
RICHARDSON FUEL INC	4	6	2	8	4,830.89	534.70
RING COAL SALES INC	1	2	1	1	165.52	6.98
ROAD FORK DEVELOPMENT COMPANY INC	3	4	1	11	23,782.20	785.47
ROADSIDE PROCESSING INC	1	2	1	2	145.15	145.15
ROCKCASTLE MINING COMPANY INC	1	6	1	2	416.45	192.44
RUST MINING LLC	3	5	1	1	140.00	90.00
SAND HILL ENERGY INC	2	3	2	6	198.40	31.80
SCHOATE MINING CO LLC	1	3	1	2	2,026.50	580.00
SEQUOIA ENERGY LLC	2	3	2	11	5,260.80	47.50
SHAMROCK COAL COMPANY INCORPORATED	1	3	1	10	20,390.08	855.15
SIDNEY COAL COMPANY INC	18	29	10	48	81,042.37	1,746.14
SLY BRANCH ENERGY INC	1	5	1	1	275.01	16.00
SOLOMONS MINING COMPANY	5	6	3	8	3,299.81	1,656.42
STAR FIRE MINING COMPANY	6	16	3	10	7,864.04	6,178.42
STRAIGHT CREEK COAL RESOURCES COMPANY	7	8	1	28	22,762.31	19,447.60
STRATA MINING INC	1	2	1	4	1,618.20	825.00
STURGEON MINING COMPANY INC	4	9	2	9	1,066.36	436.08
SUNNY RIDGE MINING COMPANY INC	7	17	4	20	10,048.60	4,096.34
T & T COAL INC	1	1	1	8	556.00	223.60
T & W ENTERPRISES LLC	3	7	1	1	15.80	10.00
THE ELK HORN COAL COMPANY LLC	1	3	1	8	8,539.71	62.20
THE ELK HORN COAL CORPORATION	1	1	1	1	514.13	8.00
VERNON SPURLOCK	2	9	1	2	126.10	5.40
WAYNE REID & DARRELL MCQUEEN CONSTRUCTION	1	4	1			
WEDDINGTON BRANCH MINING CO INC	1	1	1	1	161.60	166.50
WHITAKER COAL CORPORATION	3	6	2	13	20,152.27	1,297.17
WHITE CLOUD MINING CO INC	2	3	1	1	246.14	9.00

Appendix E

2003 Fill Information

2003 Fill Information

A comprehensive effort was completed by the Lexington Field Office (LFO) to collect fill information on all new permits, amendments, and major amendments issued in eastern Kentucky by Kentucky's Department for Natural Resources (DNR) during Calendar Year (CY) 2003. This effort has three purposes: (1) to identify those permitting actions involving excess spoil fills (fills) on either surface, underground, or other mining operations; (2) to collect pertinent fill and watershed information on each of the proposed fills; and, (3) to collect measurements from the sediment pond to the mine area and fill. DNR issued a total of 224 permitting actions (74 new permits, 97 amendments, and 53 major amendments) in CY 2003 involving surface, underground, or other mining operations. LFO found 92 permitting actions that contained information on 316 proposed fills. The other 132 permitting actions did not involve fills. Table 1 breaks out the permitting actions with proposed fills.

Table 1

Mining Type	New Permits/ Number of Fills	Amendments/ Number of Fills	Major Amendments/ Number of Fills	Totals
Surface Mining	41/213	23/63	2/2	66/278
Underground Mining	14/23	8/10	2/3	24/36
Other Mining	1/1	1/1	0/0	2/2

An analysis was completed on each of the 316 fills. Table 2 provides the averages for some of the important features relating to the fills.

Table 2

Feature	Surface Mines	Underground Mines	Other Mines
Acres (Ave.)	12.23 acres	4.48 acres	2.93 acres
Volume (Ave.)	1,050,508 yd ³	219,710 yd ³	47,976 yd ³
Length (Ave.)	890 feet	580 feet	345 feet
Watershed Acres (Ave.)	45.31 acres	53.92 acres	34.03 acres

Table 3 breaks out the number of fills by watershed acreage.

Table 3

Watershed Acreage	Number of Fills
Less than 50 Acres	237 (75%)
50 Acres to 100 Acres	45 (14%)
100 Acres to 150 Acres	20 (6%)
150 Acres to 200 Acres	6 (2%)
200 Acres to 250 Acres	3 (1%)
Greater than 250 Acres	5 (2%)

Table 4 breaks out the number of fills by fill acreage.

Table 4

Fill Acreage	Number of Fills
Less than 5 Acres	154 (49%)
5 Acres to 10 Acres	66 (21%)
10 Acres to 20 Acres	51 (16%)
20 Acres to 30 Acres	20 (6%)
30 Acres to 50 Acres	15 (4.7%)
50 Acres to 100 Acres	9 (3%)
100 Acres to 200 Acres	0 (0%)
Greater than 200 Acres	1 (0.3%)

Table 5 breaks out the number of fills proposed, average watershed acres, and average fill acres in each of the Corps of Engineers Districts in Kentucky.

Table 5

Corps of Engineers Districts	Number of Fills	Average Watershed Acres	Average Fill Acres
Huntington District	114	57.16 acres	15.11 acres
Louisville District	134	34.36 acres	8.78 acres
Nashville District	68	51.23 acres	8.51 acres

As noted in Table 3, LFO found three fills on three different permits, that affect watershed areas greater than 250 acres. Table 6 identifies those permits and fills.

Table 6

Surface Mines					
Company	Permit	Fill ID	Fill Acres	Fill Volume	Watershed Acres
Nally & Hamilton Enterprises	8480189	HF-2	8.73	564,002 yd ³	364.58
Cumberland River Coal Company	8670433	HF-5,6,7*	145.93*	21,093,000 yd ³ *	503.88*
AEP Kentucky Coal LLC	8980647	HF-9	8.34	590,432 yd ³	438.40
Bear Fork Resources LLC	8980674	HF-5	92.78	701,122 yd ³	272.96
AEP Kentucky Coal LLC	8984162	HF-4	6.40	20,750,129 yd ³	465.70

* Combines three fills

A second effort was conducted by LFO that collected permit specific information on each of the 74 (50 surface, 16 underground, and 8 other) new coal mining permits issued in CY 2003. This effort focused on several different sections of the permit application including permitted acreage, mine type, total volume of spoil generated, swell factor, spoil placed in excess spoil storage areas compared to spoil used for reclamation, remining, and use of highwall miners.

Table 7 provides a comparison by mine type of the information collected on new surface coal permits issued in CY 2003.

Table 7

	Surface	Underground	Other
New Permits with an AOC Variance Approved	3	0	1
Average Percent of Overburden Returned to Bench	74%	na	52%
Range of Overburden Returned to Bench	39% - 93%	na	52%
New Permits with Remining Variances	0	na	0
	Average Returned	na	na
	Range Returned	na	na
Average Number of Fills Proposed	4.3	na	1
Range of Fills Proposed	1 - 9	na	1
New Permits Without an AOC Variance Approved	47	16	7
Average Percent of Overburden Returned to Bench	84%	91%	0%
Range of Overburden Returned to Bench	50% - 100%	72% - 103%	0%
New Permits with Remining Variances	8	6	1
	Average Returned	93%	93%
	Range Returned	84% - 100%	56% - 100%
Average Number of Fills Proposed	4.3	1.4	0
Range of Fills Proposed	0 - 19	0 - 6	0

A third effort was conducted by LFO to collect information on the distance from the fills to the ponds and the distance from the mining areas to the ponds. Measurements were taken at the pond located below the fill. A total of 316 fills (278 fills with new ponds, 38 fills with existing ponds) were evaluated (See Appendix A).

Table 8 provides a comparison by new and existing ponds collected on new permits, amendments, and major amendments.

Table 8

Features Measured	Average Distance
Existing Ponds to Fills	684 feet
Existing Ponds to Mining Area	200 feet
New Ponds to Fills	441 feet
New Ponds to Mining Area	295 feet

On the following pages, Tables 9, 10 and 11 summarizes the information collected on all new permits issued in CY 2003, for surface, underground, and other mining operations.

Table 9 - Surface Mines

Company	Permit Number	Acres	Mine Type	AOC Variance (Y/N)	Swelled Overburden (yds ³)	Predicted Swell Factor	Proposed Overburden Placed in Fills (yds ³)	Proposed Overburden used in Reclamation/Percent (yds ³ /%)	Number of Fills Proposed
Gatliff Coal Co	8070302	219.39	Contour, Auger	N	30,933,022	.20	2,234,559	28,698,463 (93)	2
Leslie Resources Inc	8130255	1,668.70	Contour, Auger	N	24,716,882	.20	5,128,576	19,588,306 (79)	19
Deep Woods Mining LLC	8130264	792.00	Area, Contour, Auger	N	93,081,942	.20	10,366,409	82,715,533 (89)	17
Hibbard & Rader Land Co Inc	8260553	12.30	Contour, Auger	N	88,308	.15	3,830	84,478 (96)	1
Reid & Sons Construction	8260575	54.00	Contour, Auger	N	1,405,240	.18	151,680	1,253,560 (89)	5
Sand Hill Coal Processing Co	8260586	11.00	Contour	Y	843,430	.18	56,704	786,726 (93)	1
Gray's Excavating Inc	8260587	0.80	Contour	N	1,523	.18	0	1,523 (100)	0
Motts Branch Coal Inc	8360300	580.70	Area, Contour, Auger	N	38,435,083	.20	14,855,416	23,579,667 (61)	10
Frasure Creek Mining LLC	8360301	354.14	Contour, Auger	N	7,670,730	.25	2,299,056	5,371,674 (70)	4
Appalachian Fuels LLC	8450073	254.48	Area, Contour	N	15,853,590	.20	2,804,419	13,049,171 (82)	15
Nally & Hamilton Enterprises Inc	8480189	690.88	Contour, Auger	N	46,197,915	.25	5,887,252	40,310,663 (87)	4
Debra Lynn Coals Inc	8480216	167.33	Contour, Auger	N	7,759,614	.20	0	7,759,614 (100)	0
Cloverfork Mining & Excavating	8480222	230.00	Contour, Remining	N	12,919,761	.25	2,064,330	10,855,431 (84)	8
Evans Coal Corporation	8480223	374.80	Contour, Auger	N	10,138,887	.10	463,609	9,675,278 (95)	5
Sturgeon Mining Company Inc	8550170	13.50	Contour	N	426,066	.20	21,968	404,098 (95)	1
United Farming Inc	8550171	33.00	Contour	N	901,424	.26	123,798	777,626 (86)	2
T & W Enterprises LLC	8580169	15.80	Area, Contour	N	502,000	.20	0	502,000 (100)	0
Dancoal Inc	8580171	42.14	Contour, Auger, Area	N	1,343,000	.20	111,000	1,232,000 (92)	2
Mine Rite Coal Co Inc	8580172	30.12	Contour, Auger	N	1,598,000	.20	277,000	1,321,000 (83)	2
Green Tree Reclamation Inc	8580174	4.30	Area	N	7,180	.20	0	7,180 (100)	0
Johnson-Floyd Coal Co LLC	8580180	101.08	Contour, Auger	N	7,634,000	.20	2,818,000	4,816,000 (63)	1
Appalachian Fuels LLC	8600397	514.20	Contour, Auger	N	76,812,858	.25	13,901,972	62,910,886 (82)	3
Appalachian Fuels, LLC	8600401	147.80	Area	N	3,699,396	.25	533,188	3,166,208 (86)	5
Rimco LLC	8610462	123.50	Contour, Auger, Remining	N	4,330,852	.20	715,712	3,615,140 (84)	3
J R Mining Inc	8610468	91.00	Contour, Auger	N	3,122,400	.20	139,400	2,983,000 (96)	4
G & S Coal Inc	8610469	29.10	Contour, Auger	N	321,613	.20	33,270	288,343 (90)	3

Table 9 - Surface Mines - Continued

Company	Permit Number	Acres	Mine Type	AOC Variance (Y/N)	Swelled Overburden (yds ³)	Predicted Swell Factor	Proposed Overburden Placed in Fills (yds ³)	Proposed Overburden used in Reclamation/Percent (yds ³ /%)	Number of Fills Proposed
D & M Lands Works LLC	8610470	80.40	Contour, Auger	N	2,109,704	.27	321,707	1,787,997 (85)	8
Jamieson Construction Co	8610471	166.60	Contour, Auger	N	6,757,106	.20	1,057,460	5,699,646 (84)	7
Ikerd Coal Company LLC	8610474	363.20	Contour, Auger	N	23,709,143	.18	848,207	22,860,936 (96)	2
Ruby Coal Company of London Inc	8630281	52.10	Contour, Auger	N	517,434	.18	30,208	487,226 (94)	1
Jamieson Construction Co	8630290	56.23	Contour, Auger	N	1,558,809	.25	52,353	1,506,456 (97)	2
Reid & Sons Construction	8630292	25.50	Contour	N	602,234	.18	0	602,234 (100)	0
B & C Energy Inc	8640159	66.55	Auger, Remining	N	0	0	0	0	0
B & C Energy Inc	8640160	199.39	Contour, Auger	N	5,146,688	.25	1,997,868	3,148,820 (61)	7
Cumberland River Coal Co	8670433	1,455.17	Contour, Auger	N	355,550,000	.20	59,569,000	295,981,000 (83)	5
Premier Elkhorn Coal Company	8670438	116.30	Contour, Auger, Area	N	8,994,641	.25	2,173,197	6,821,444 (76)	2
Licking River Resources Inc	8770164	297.42	Contour, Auger, Area	N	10,197,373	.25	1,989,183	8,208,190 (80)	5
Czar Coal Corporation	8800143	312.92	Area, Contour, Auger	Y	71,089,380	.25	7,746,712	63,342,668 (89)	9
Martin County Coal Corporation	8800149	155.30	Contour	N	13,245,864	.25	3,269,843	9,976,021 (75)	2
Miller Bros Coal Inc	8800153	1,125.42	Area, Contour	N	108,308,119	.25	22,775,832	85,532,287 (80)	12
Martin County Coal Corporation	8800158	11.50	Refuse Disposal	N	0	0	0	0	0
T & T Coal Inc	8950148	222.91	Area, Contour, Auger	N	5,025,839	.25	870,874	4,154,965 (83)	17
Botner Enterprises	8950149	9.63	Area, Contour	N	74,111	.25	3,741	70,370 (95)	2
Botner Enterprises	8950151	16.20	Contour	N	317,291	.20	61,497	255,794 (81)	3
Leslie Resources Inc	8970423	211.09	Area, Contour	N	13,015,239	.25	6,494,264	6,520,975 (50)	4
Perry Land and Development Inc	8970429	245.89	Area, Contour	Y	26,939,098	.25	16,482,675	10,456,423 (39)	3
AEP Kentucky Coal LLC	8980630	202.56	Contour, Auger	N	22,944,357	.25	4,526,771	18,417,586 (80)	1
Landmark Mining Company Inc	8980636	1,194.85	Contour, Auger	N	4,166,215	0	0	4,166,215 (100)	0
Elmo Greer & Sons LLC	8980645	1.90	Contour	N	54,490	.25	0	51,949 (95)	0
AEP Kentucky Coal LLC	8980668	774.00	Area, Contour, Auger	N	26,457,314	.25	10,628,040	15,829,274 (60)	4

Table 10 - Underground Mines

Company	Permit Number	Acres	Mine Type	AOC Variance (Y/N)	Swelled Overburden (yds ³)	Predicted Swell Factor	Proposed Overburden Placed in Fills (yds ³)	Proposed Overburden used in Reclamation/Percent (yds ³ /%)	Number of Fills Proposed
Cumberland Valley Mining Co	8075201	1,356.00	Underground	N	72,000	0	72,000	72,000 (100)	1
Appalachian Fuels, LLC	8135024	926.62	Underground	N	143,718	.25	28,743	114,975 (80)	2
LWF Leasing LLC	8365407	536.70	Underground, Refuse Storage	N	390	0	0	390 (100)	0
Levisa Fork Mining Co	8365409	589.55	Underground	N	70,271	.25	69,915	70,271 (100)	2
Dekalb Recovery Inc	8365436	41.51	Underground	N	29,496	.20	28,428	29,496 (100)	1
Harlan Reclamation Services LLC	8485411	1,470.69	Underground	N	172,033	.20	4,520	167,513 (97)	0
Sequoia Energy LLC	8485422	457.13	Underground	N	15,813	.25	16,364	16,384 (103)	1
Sequoia Energy LLC	8485423	686.25	Underground	N	23,660	.25	23,660	23,660 (100)	2
Consol of Kentucky Inc	8605255	744.50	Underground	N	30,449	.20	3,381	27,068 (89)	1
Motts Branch Coal Inc	8605259	63.90	Underground	N	39,893	.25	39,893	39,893 (100)	2
Consol of Kentucky Inc	8605260	645.80	Underground, Contour	N	6,235,534	.25	1,631,192	4,604,342 (74)	2
Chas Coal LLC	8665133	1,112.20	Underground	N	5,833	0	5,833	5,833	1
Harlan Reclamation Services LLC	8675262	1,779.67	Underground	N	192,667	.20	54,073	138,594 (72)	1
Clintwood Elkhorn Mining Co	8984148	1,578.70	Underground	N	29,866	.20	13,083	16,783 (56)	4
Wade Coal LLC	8984197	12.65	Underground	N	19,963	.25	885	19,078 (96)	2
G & S Coal Inc	9185175	126.40	Underground	N	19,883	.20	19,883	19,883 (100)	1

Table 11 - Other Mines

Company	Permit Number	Acres	Mine Type	AOC Variance (Y/N)	Swelled Overburden (yds ³)	Predicted Swell Factor	Proposed Overburden Placed in Fills (yds ³)	Proposed Overburden used in Reclamation/Percent (yds ³ /%)	Number of Fills Proposed
C & C Mining Inc	8488058	13.90	Refuse Recovery	N	508,200	0	0	2,889 (0.6)	0
Sandlick Coal Company	8488066	6.96	Course Refuse Recovery	N	93,696	0	0	0	0
Harlan Reclamation Services LLC	8677023	41.18	Haul Road	N	0	0	0	0	0
Martin County Coal Corp	8809002	131.20	Refuse Disposal	N	0	0	0	0	0
Leeco Inc	8979004	293.00	Refuse, Contour, Auger	N	0	0	0	0	0
Long Fork Coal Company	8989116	48.56	Refuse Disposal	N	0	0	0	0	0
McCoy Elkhorn Coal Corporation	8989117	467.53	Dry Refuse Disposal, Contour, Underground	Y	8,201,986	.25	56,082	4,304,265 (52)	1
Clintwood Elkhorn Mining Company	8989128	6.10	Refuse Recovery	N	52,901	0	0	0	0

APPENDIX A
MEASUREMENTS FROM PONDS TO MINE AREA
AND EXCESS SPOIL FILLS

**MEASUREMENTS FROM PONDS TO MINE AREA
AND EXCESS SPOIL FILLS**

PERMITTEE NAME	PERMIT NUMBER	FILL NUMBER	POND NUMBER	POND STATUS	POND TO MINE	POND TO FILL	SEGMENT PERMITTED
GATLIFF COAL COMPANY	5188002	1	2	N	0	0	Yes
JAMIESON CONSTRUCTION COMPANY	8070292	1	6	E	300	900	Yes
GATLIFF COAL COMPANY	8070302	1	5	N	0	0	Yes
GATLIFF COAL COMPANY	8070302	2	4	N	0	0	Yes
CUMBERLAND VALLEY MINING CO	8075201	1	K	N	300	1,400	Yes
MILLER BROS COAL INC	8130250	F	12	N	75	500	Yes
LESLIE RESOURCES INC	8130255	1	1	N	300	3,000	Yes
LESLIE RESOURCES INC	8130255	10	7	N	200	600	Yes
LESLIE RESOURCES INC	8130255	11	7	N	200	1,000	Yes
LESLIE RESOURCES INC	8130255	12	8	N	300	800	Yes
LESLIE RESOURCES INC	8130255	13	9	N	300	600	Yes
LESLIE RESOURCES INC	8130255	14	10	N	200	600	Yes
LESLIE RESOURCES INC	8130255	15	11	N	200	600	Yes
LESLIE RESOURCES INC	8130255	16	11	N	200	300	Yes
LESLIE RESOURCES INC	8130255	17	12	N	300	150	Yes
LESLIE RESOURCES INC	8130255	18	13	N	200	200	Yes
LESLIE RESOURCES INC	8130255	19	1	N	300	2,000	Yes
LESLIE RESOURCES INC	8130255	2	1	N	300	2,800	Yes
LESLIE RESOURCES INC	8130255	3	3	N	200	300	Yes
LESLIE RESOURCES INC	8130255	4	3	N	200	1,200	Yes
LESLIE RESOURCES INC	8130255	5	3	N	200	700	Yes
LESLIE RESOURCES INC	8130255	6	4	N	300	1,400	Yes
LESLIE RESOURCES INC	8130255	7	5	N	300	1,500	Yes
LESLIE RESOURCES INC	8130255	8	6	N	100	0	Yes
LESLIE RESOURCES INC	8130255	9	7	N	200	300	Yes
MILLER BROS COAL INC	8130263	A	S,V,M	E	0	50	Yes
MILLER BROS COAL INC	8130263	B	LL, KK	E	0	50	Yes
MILLER BROS COAL INC	8130263	C	FF, EE	E	0	50	Yes
DEEP WOODS MINING LLC	8130264	1	1	N	200	200	Yes
DEEP WOODS MINING LLC	8130264	10	9	N	350	100	Yes
DEEP WOODS MINING LLC	8130264	11	6	N	350	800	Yes
DEEP WOODS MINING LLC	8130264	12	11	N	250	50	Yes
DEEP WOODS MINING LLC	8130264	13	12	N	250	50	Yes
DEEP WOODS MINING LLC	8130264	14	13	N	250	100	Yes
DEEP WOODS MINING LLC	8130264	15	14	N	300	50	Yes
DEEP WOODS MINING LLC	8130264	16	15	N	250	50	Yes
DEEP WOODS MINING LLC	8130264	17	16	N	400	50	Yes
DEEP WOODS MINING LLC	8130264	2	2	N	200	400	Yes
DEEP WOODS MINING LLC	8130264	3	3	N	200	50	Yes
DEEP WOODS MINING LLC	8130264	4	4	N	200	50	Yes
DEEP WOODS MINING LLC	8130264	5	5	N	200	50	Yes
DEEP WOODS MINING LLC	8130264	6	6	N	350	200	Yes
DEEP WOODS MINING LLC	8130264	7	7	N	350	200	Yes
DEEP WOODS MINING LLC	8130264	8	8	N	300	300	Yes
DEEP WOODS MINING LLC	8130264	9	9	N	350	200	Yes
APPALACHIAN FUELS LLC	8135024	1	1	N	800	25	Yes
APPALACHIAN FUELS LLC	8135024	2	2	N	600	200	Yes
HIBBARD & RADER LAND CO INC	8260553	1	1	N	100	50	Yes
REID & SONS CONSTRUCTION	8260575	1	1	N	200	200	Yes
REID & SONS CONSTRUCTION	8260575	2	2	N	150	300	Yes
REID & SONS CONSTRUCTION	8260575	3	2	N	150	300	Yes
REID & SONS CONSTRUCTION	8260575	4	3	N	150	100	Yes
REID & SONS CONSTRUCTION	8260575	5	4	N	100	25	Yes
SAND HILL COAL PROCESSING CO	8260586	1	1	N	100	25	Yes
FRASURE CREEK MINING LLC	8360295	1	1	E	1,000	300	Yes

PERMITTEE NAME	PERMIT NUMBER	FILL NUMBER	POND NUMBER	POND STATUS	POND TO MINE	POND TO FILL	SEGMENT PERMITTED
FRASURE CREEK MINING LLC	8360295	2	7B.8B	N	700	50	Yes
MOTTS BRANCH COAL INC	8360300	1	1	N	200	25	Yes
MOTTS BRANCH COAL INC	8360300	10	8	N	800	150	Yes
MOTTS BRANCH COAL INC	8360300	11	9	N	900	25	Yes
MOTTS BRANCH COAL INC	8360300	2	2	N	300	25	Yes
MOTTS BRANCH COAL INC	8360300	3	3	N	400	150	Yes
MOTTS BRANCH COAL INC	8360300	4	4	N	550	25	Yes
MOTTS BRANCH COAL INC	8360300	5	5	N	350	25	Yes
MOTTS BRANCH COAL INC	8360300	7	6	N	300	25	Yes
MOTTS BRANCH COAL INC	8360300	8	7	N	250	25	Yes
MOTTS BRANCH COAL INC	8360300	9	8	N	800	200	Yes
FRASURE CREEK MINING LLC	8360301	1	1	N	450	400	Yes
FRASURE CREEK MINING LLC	8360301	2	2	N	500	300	Yes
FRASURE CREEK MINING LLC	8360301	3	3	N	400	0	Yes
FRASURE CREEK MINING LLC	8360301	4	4	N	350	400	Yes
LEVISA FORK MINING COMPANY	8365409	1	1	N	0	350	Yes
LEVISA FORK MINING COMPANY	8365409	FA1	2	N	100	25	Yes
DEKALB RECOVERY INC	8365436	1	1	N	0	100	Yes
FRASURE CREEK MINING LLC	8365441	3	20	N	150	100	Yes
APPALACHIAN FUELS LLC	8450073	1	1	N	200	400	Yes
APPALACHIAN FUELS LLC	8450073	10	2	N	150	1,600	Yes
APPALACHIAN FUELS LLC	8450073	11	2	N	150	400	Yes
APPALACHIAN FUELS LLC	8450073	12	3	N	200	400	Yes
APPALACHIAN FUELS LLC	8450073	13	3	N	200	1,200	Yes
APPALACHIAN FUELS LLC	8450073	14	3	N	200	1,800	Yes
APPALACHIAN FUELS LLC	8450073	15	3	N	200	600	Yes
APPALACHIAN FUELS LLC	8450073	2	1	N	200	1,000	Yes
APPALACHIAN FUELS LLC	8450073	3	1	N	200	1,200	Yes
APPALACHIAN FUELS LLC	8450073	4	2	N	150	1,600	Yes
APPALACHIAN FUELS LLC	8450073	5	2	N	150	2,200	Yes
APPALACHIAN FUELS LLC	8450073	6	2	N	150	2,600	Yes
APPALACHIAN FUELS LLC	8450073	7	2	N	150	2,600	Yes
APPALACHIAN FUELS LLC	8450073	8	2	N	150	2,100	Yes
APPALACHIAN FUELS LLC	8450073	9	2	N	150	2,200	Yes
NALLY & HAMILTON ENTERPRISES I	8480189	1	2	N	0	1,000	Yes
NALLY & HAMILTON ENTERPRISES I	8480189	2	5	N	300	150	Yes
NALLY & HAMILTON ENTERPRISES I	8480189	3	5	N	0	800	Yes
NALLY & HAMILTON ENTERPRISES I	8480189	4	5	N	0	2,600	Yes
CLOVERFORK MINING & EXCAVATING	8480222	1	3	N	100	25	Yes
CLOVERFORK MINING & EXCAVATING	8480222	2	4	N	200	25	Yes
CLOVERFORK MINING & EXCAVATING	8480222	3	6	N	300	25	Yes
CLOVERFORK MINING & EXCAVATING	8480222	4	7	N	400	25	Yes
CLOVERFORK MINING & EXCAVATING	8480222	5	10	N	100	25	Yes
CLOVERFORK MINING & EXCAVATING	8480222	6	11	N	150	25	Yes
CLOVERFORK MINING & EXCAVATING	8480222	7	12	N	100	25	Yes
CLOVERFORK MINING & EXCAVATING	8480222	8	13	N	150	25	Yes
EVANS COAL CORPORATION	8480223	1	1	N	400	400	Yes
EVANS COAL CORPORATION	8480223	2	3	N	500	400	Yes
EVANS COAL CORPORATION	8480223	3	4	N	550	600	Yes
EVANS COAL CORPORATION	8480223	4	6	N	650	800	Yes
EVANS COAL CORPORATION	8480223	5	6	N	650	600	Yes
LONE MOUNTAIN PROCESSING INC	8485353	2	2	N	600	100	Yes
DEBRA LYNN COALS INC	8485410	1	4	N	200	100	Yes
SEQUOIA ENERGY LLC	8485422	1	1	N	0	0	Yes
SEQUOIA ENERGY LLC	8485423	1	1	N	150	150	Yes
SEQUOIA ENERGY LLC	8485423	2	1	N	150	300	Yes
UNITED FARMING INC	8550169	3	7	N	200	100	Yes
UNITED FARMING INC	8550169	4	7	N	200	200	Yes
UNITED FARMING INC	8550169	5	8	N	200	25	Yes

PERMITTEE NAME	PERMIT NUMBER	FILL NUMBER	POND NUMBER	POND STATUS	POND TO MINE	POND TO FILL	SEGMENT PERMITTED
UNITED FARMING INC	8550169	6	7	N	200	1,800	Yes
STURGEON MINING COMPANY INC	8550170	1	1	N	300	200	Yes
UNITED FARMING INC	8550171	1	1	N	300	750	Yes
UNITED FARMING INC	8550171	2	2	N	400	500	Yes
DANCOAL INC	8580171	1	1	N	300	200	Yes
DANCOAL INC	8580171	2	5	N	0	600	Yes
MINE RITE COAL CO INC	8580172	1	1	N	300	200	Yes
MINE RITE COAL CO INC	8580172	2	2	N	600	400	Yes
JOHNSON-FLOYD COAL COMPANY LLC	8580180	1	1	N	1,000	150	Yes
NALLY & HAMILTON ENTERPRISES I	8600380	10	42	N	400	25	Yes
NALLY & HAMILTON ENTERPRISES I	8600380	11	43	N	400	25	Yes
NALLY & HAMILTON ENTERPRISES I	8600380	12	44	N	200	25	Yes
NALLY & HAMILTON ENTERPRISES I	8600380	13	45	N	800	25	Yes
NALLY & HAMILTON ENTERPRISES I	8600380	9	46	N	400	25	Yes
MILLER BROS COAL INC	8600383	16	12	E	300	1,400	Yes
MILLER BROS COAL INC	8600383	1A	1	E	350	50	Yes
MILLER BROS COAL INC	8600389	A	8	N	300	400	Yes
APPALACHIAN FUELS LLC	8600397	1	1	N	200	700	Yes
APPALACHIAN FUELS LLC	8600397	2	2	N	300	200	Yes
APPALACHIAN FUELS LLC	8600397	3	3	N	400	550	Yes
APPALACHIAN FUELS, LLC	8600401	1	101	N	200	0	Yes
APPALACHIAN FUELS, LLC	8600401	2	102	N	200	0	Yes
APPALACHIAN FUELS, LLC	8600401	3	103	N	200	0	Yes
APPALACHIAN FUELS, LLC	8600401	4	104	N	300	0	Yes
APPALACHIAN FUELS, LLC	8600401	5	105	N	200	0	Yes
CONSOL OF KENTUCKY INC	8605255	SSA1	1	N	0	0	Yes
MOTTS BRANCH COAL INC	8605259	CSA	1	N	0	0	Yes
MOTTS BRANCH COAL INC	8605259	MMA	1	N	0	0	Yes
CONSOL OF KENTUCKY INC	8605260	1A/B	2	N	400	200	Yes
CONSOL OF KENTUCKY INC	8605260	2	1	N	300	900	Yes
RIMCO LLC	8610462	BF-1	4	N	0	0	Yes
RIMCO LLC	8610462	BF-2	5	N	0	0	Yes
RIMCO LLC	8610462	BF-3	6	N	0	0	Yes
J R MINING INC	8610468	1	2	N	400	50	Yes
J R MINING INC	8610468	2	3	N	400	50	Yes
J R MINING INC	8610468	3	4	N	400	50	Yes
J R MINING INC	8610468	4	4	N	400	50	Yes
G & S COAL INC	8610469	BF1	1	N	50	0	Yes
G & S COAL INC	8610469	BF2	5	N	0	0	Yes
G & S COAL INC	8610469	HF1	4	N	0	0	Yes
D & M LANDS WORKS LLC	8610470	1	1	N	150	200	Yes
D & M LANDS WORKS LLC	8610470	2	1	N	150	350	Yes
D & M LANDS WORKS LLC	8610470	3	1	N	150	300	Yes
D & M LANDS WORKS LLC	8610470	4	1	N	150	100	Yes
D & M LANDS WORKS LLC	8610470	5	1	N	150	400	Yes
D & M LANDS WORKS LLC	8610470	6	1	N	150	900	Yes
D & M LANDS WORKS LLC	8610470	7	1	N	150	850	Yes
D & M LANDS WORKS LLC	8610470	8	1	N	150	350	Yes
JAMIESON CONSTRUCTION COMPANY	8610471	1	1	N	150	100	No
JAMIESON CONSTRUCTION COMPANY	8610471	2	2	N	150	100	No
JAMIESON CONSTRUCTION COMPANY	8610471	3	3	N	150	50	No
JAMIESON CONSTRUCTION COMPANY	8610471	4	4	E	200	250	No
JAMIESON CONSTRUCTION COMPANY	8610471	5	4	E	200	1,300	No
JAMIESON CONSTRUCTION COMPANY	8610471	6	4	E	200	1,900	No
JAMIESON CONSTRUCTION COMPANY	8610471	7	4	E	200	450	No
IKERD COAL COMPANY LLC	8610474	1	14	N	300	300	Yes
IKERD COAL COMPANY LLC	8610474	2	9	N	1,000	500	Yes
RUBY COAL COMPANY OF LONDON IN	8630281	1	1	N	100	50	Yes
JAMIESON CONSTRUCTION COMPANY	8630290	1	1	N	25	25	Yes

PERMITTEE NAME	PERMIT NUMBER	FILL NUMBER	POND NUMBER	POND STATUS	POND TO MINE	POND TO FILL	SEGMENT PERMITTED
JAMIESON CONSTRUCTION COMPANY	8630290	2	1	N	50	50	Yes
B & C ENERGY INC	8640160	1	1	N	100	50	Yes
B & C ENERGY INC	8640160	2	2	N	50	50	Yes
B & C ENERGY INC	8640160	3	3	N	150	100	Yes
B & C ENERGY INC	8640160	4	4	N	100	50	Yes
B & C ENERGY INC	8640160	5	5	N	150	50	Yes
B & C ENERGY INC	8640160	6	6	N	150	50	Yes
B & C ENERGY INC	8640160	7	7	N	100	50	Yes
CHAS COAL LLC	8665133	1	257	E	600	1,200	Yes
PREMIER ELKHORN COAL COMPANY	8670371	1	1	E	400	150	Yes
PREMIER ELKHORN COAL COMPANY	8670371	4	31	E	450	100	Yes
PREMIER ELKHORN COAL COMPANY	8670371	5	4	E	200	50	Yes
PREMIER ELKHORN COAL COMPANY	8670371	6	4	E	200	1,100	Yes
PREMIER ELKHORN COAL COMPANY	8670371	7	4	E	200	1,400	Yes
CONSOL OF KENTUCKY INC	8670404	3	5	N	600	200	Yes
CONSOL OF KENTUCKY INC	8670404	4	1	E	0	2,800	Yes
CONSOL OF KENTUCKY INC	8670404	5	20	E	0	2,200	Yes
CONSOL OF KENTUCKY INC	8670404	6	6	N	600	100	Yes
PREMIER ELKHORN COAL COMPANY	8670426	1A	1	E	200	900	Yes
PREMIER ELKHORN COAL COMPANY	8670426	6	8	E	0	500	Yes
CUMBERLAND RIVER COAL COMPANY	8670433	3	3	N	600	800	Yes
CUMBERLAND RIVER COAL COMPANY	8670433	4	10	N	300	50	Yes
CUMBERLAND RIVER COAL COMPANY	8670433	5,6,7	G, 1A	N	2,000	1,200	Yes
CUMBERLAND RIVER COAL COMPANY	8670433	6	1A	N	2,100	800	Yes
CUMBERLAND RIVER COAL COMPANY	8670433	7	7	N	200	25	Yes
PREMIER ELKHORN COAL COMPANY	8670438	1	1	N	100	400	Yes
PREMIER ELKHORN COAL COMPANY	8670438	RF1	1	N	100	500	Yes
CONSOL OF KENTUCKY INC	8675192	2	2	N	500	800	Yes
PREMIER ELKHORN COAL COMPANY	8675237	5	5	N	450	150	Yes
PREMIER ELKHORN COAL COMPANY	8675237	6	4	N	100	50	Yes
PREMIER ELKHORN COAL COMPANY	8675237	TF1	1	E	500	400	Yes
COASTAL COAL COMPANY LLC	8675259	FACE	2	E	50	50	Yes
COASTAL COAL COMPANY LLC	8675259	HF2	4	N	400	300	Yes
HARLAN RECLAMATION SERVICES LL	8675262	1	1	N	300	0	Yes
LICKING RIVER RESOURCES INC	8770164	1	1	N	200	450	Yes
LICKING RIVER RESOURCES INC	8770164	2	1	N	200	600	Yes
LICKING RIVER RESOURCES INC	8770164	3	2	N	150	600	Yes
LICKING RIVER RESOURCES INC	8770164	4	2	N	150	2,100	Yes
LICKING RIVER RESOURCES INC	8770164	5	2	N	150	400	Yes
MARTIN COUNTY COAL CORPORATION	8800018	23	23A	N	1,200	400	No
CZAR COAL CORPORATION	8800117	5A	1	E	100	1,200	Yes
CZAR COAL CORPORATION	8800143	1	4	N	250	25	Yes
CZAR COAL CORPORATION	8800143	2	3	N	250	100	Yes
CZAR COAL CORPORATION	8800143	3	5	N	350	25	Yes
CZAR COAL CORPORATION	8800143	4	2	N	250	50	Yes
CZAR COAL CORPORATION	8800143	5	2	N	250	600	Yes
CZAR COAL CORPORATION	8800143	6	2	N	250	200	Yes
CZAR COAL CORPORATION	8800143	7	1	N	250	25	Yes
CZAR COAL CORPORATION	8800143	8	7	N	200	25	Yes
CZAR COAL CORPORATION	8800143	9	6	N	250	25	Yes
MARTIN COUNTY COAL CORPORATION	8800149	1	1	N	400	25	Yes
MARTIN COUNTY COAL CORPORATION	8800149	2	2	N	400	25	Yes
MILLER BROS COAL INC	8800153	1	1	N	400	500	Yes
MILLER BROS COAL INC	8800153	2	1	N	400	150	Yes
MILLER BROS COAL INC	8800153	3	2	N	350	50	Yes
MILLER BROS COAL INC	8800153	4	3	N	500	100	Yes
MILLER BROS COAL INC	8800153	5	5	N	300	100	Yes
MILLER BROS COAL INC	8800153	6	6	N	200	0	Yes
MILLER BROS COAL INC	8800153	7	7	E	350	200	Yes

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MILLER BROS COAL INC	8800153	8	BS8	N	100	0	Yes
MILLER BROS COAL INC	8800153	9	4	N	200	500	Yes
MILLER BROS COAL INC	8800153	BFA	BS1	N	0	0	Yes
MILLER BROS COAL INC	8800153	BFB	BSM	N	0	0	Yes
MILLER BROS COAL INC	8800153	BFC	BSW	N	0	0	Yes
MILLER BROS COAL INC	8800153	D	7	E	300	1,200	Yes
STURGEON MINING COMPANY INC	8950118	12	15	N	150	50	Yes
STURGEON MINING COMPANY INC	8950118	13	14	N	150	150	Yes
STURGEON MINING COMPANY INC	8950118	14	16	N	500	600	Yes
T & T COAL INC	8950148	1	1	N	150	250	Yes
T & T COAL INC	8950148	10	9	N	600	1,800	Yes
T & T COAL INC	8950148	11	10	N	400	300	Yes
T & T COAL INC	8950148	12	11	N	400	1,600	Yes
T & T COAL INC	8950148	13	11	N	400	1,300	Yes
T & T COAL INC	8950148	14	11	N	400	1,200	Yes
T & T COAL INC	8950148	15	12	N	1,000	1,300	Yes
T & T COAL INC	8950148	16	12	N	1,000	1,100	Yes
T & T COAL INC	8950148	17	12	N	1,000	1,200	Yes
T & T COAL INC	8950148	2	2	N	200	800	Yes
T & T COAL INC	8950148	3	3	N	400	1,000	Yes
T & T COAL INC	8950148	4	3	N	400	1,600	Yes
T & T COAL INC	8950148	5	3	N	400	1,400	Yes
T & T COAL INC	8950148	6	3	N	400	700	Yes
T & T COAL INC	8950148	7	8	N	400	800	Yes
T & T COAL INC	8950148	8	9	N	600	1,350	Yes
T & T COAL INC	8950148	9	9	N	600	1,600	Yes
BOTNER ENTERPRISES	8950149	1	1	N	50	50	Yes
BOTNER ENTERPRISES	8950149	2	1	N	50	100	Yes
BOTNER ENTERPRISES	8950151	1	1	N	200	200	Yes
BOTNER ENTERPRISES	8950151	2	1	N	200	100	Yes
BOTNER ENTERPRISES	8950151	3	1	N	200	50	Yes
LESLIE RESOURCES INC	8970346	3	7	E	300	600	Yes
LESLIE RESOURCES INC	8970346	4	6	E	100	50	Yes
LESLIE RESOURCES INC	8970346	5	3	E	150	100	Yes
LOCUST GROVE INC	8970416	A6	6	N	200	150	Yes
LOCUST GROVE INC	8970416	OBS	26,27	E	0	0	Yes
LESLIE RESOURCES INC	8970423	2	2	N	1,400	300	Yes
LESLIE RESOURCES INC	8970423	3	3	N	700	600	Yes
LESLIE RESOURCES INC	8970423	4	4	N	500	250	Yes
LESLIE RESOURCES INC	8970423	5	5	N	1,250	500	Yes
PERRY LAND AND DEVELOPMENT INC	8970429	1	1	N	300	50	Yes
PERRY LAND AND DEVELOPMENT INC	8970429	2	2	N	400	200	Yes
PERRY LAND AND DEVELOPMENT INC	8970429	5	2	N	400	2,800	Yes
CANDLE RIDGE MINING INC	8970430	10	7	N	150	250	Yes
CANDLE RIDGE MINING INC	8970430	11	7	N	150	250	Yes
CANDLE RIDGE MINING INC	8970430	12	7	N	150	600	Yes
CANDLE RIDGE MINING INC	8970430	13	6	N	0	1,400	Yes
CANDLE RIDGE MINING INC	8970430	14	6	N	0	500	Yes
CANDLE RIDGE MINING INC	8970430	15	7	N	150	850	Yes
CANDLE RIDGE MINING INC	8970430	16	7	N	150	1,200	Yes
CANDLE RIDGE MINING INC	8970432	10	6	N	250	100	Yes
COASTAL COAL COMPANY LLC	8975103	1	1	E	0	25	Yes
COASTAL COAL COMPANY LLC	8975104	1	1	E	0	50	Yes
PREMIER ELKHORN COAL COMPANY	8980378	14	1	E	400	600	Yes
SIDNEY COAL COMPANY INC	8980573	2	TBE2	E	100	0	Yes
SIDNEY COAL COMPANY INC	8980573	5	BCD3	N	250	400	Yes
SIDNEY COAL COMPANY INC	8980573	6	BCD3	N	250	500	Yes
SIDNEY COAL COMPANY INC	8980573	7	BCE2	N	400	0	Yes
APEX ENERGY INC	8980604	12	6	E	50	1,200	Yes

PERMITTEE NAME	PERMIT NUMBER	FILL NUMBER	POND NUMBER	POND STATUS	POND TO MINE	POND TO FILL	SEGMENT PERMITTED
CAMBRAIN COAL CORPORATION	8980619	6	28	N	400	0	Yes
AEP KENTUCKY COAL LLC	8980630	1,1A	2	N	0	50	Yes
AEP KENTUCKY COAL LLC	8980647	2B	63	E	50	800	Yes
AEP KENTUCKY COAL LLC	8980647	9	45	E	150	1,400	Yes
AEP KENTUCKY COAL LLC	8980668	1	1	N	500	1,000	Yes
AEP KENTUCKY COAL LLC	8980668	2	1	N	500	1,600	Yes
AEP KENTUCKY COAL LLC	8980668	3	1	N	500	1,600	Yes
AEP KENTUCKY COAL LLC	8980668	4	2	N	200	25	Yes
BEAR FORK RESOURCES LLC	8980674	1	55	N	400	100	Yes
BEAR FORK RESOURCES LLC	8980674	2	55	N	400	1,100	Yes
BEAR FORK RESOURCES LLC	8980674	3	54	N	700	200	Yes
BEAR FORK RESOURCES LLC	8980674	4	54	N	700	600	Yes
BEAR FORK RESOURCES LLC	8980674	5	51	N	200	100	Yes
BEAR FORK RESOURCES LLC	8980674	6	56	N	350	900	Yes
BEAR FORK RESOURCES LLC	8980674	7	58	N	0	100	Yes
ROAD FORK DEVELOPMENT CO INC	8984147	6	28	N	50	200	Yes
CLINTWOOD ELKHORN MINING CO	8984148	1	1	N	0	100	Yes
CLINTWOOD ELKHORN MINING CO	8984148	2	2	N	100	300	Yes
CLINTWOOD ELKHORN MINING CO	8984148	3	3	N	50	50	Yes
CLINTWOOD ELKHORN MINING CO	8984148	4	3	N	50	250	Yes
AEP KENTUCKY COAL LLC	8984162	4	3	E	0	1,000	Yes
WADE COAL LLC	8984197	1	2	N	200	25	Yes
WADE COAL LLC	8984197	BF2	1	N	25	350	Yes
MCCOY ELKHORN COAL CORPORATION	8989117	2	2	N	350	50	Yes
G & S COAL INC	9185175	BF1	1	N	600	0	Yes

Appendix F

MSHA-Class Impoundment Inventory

**MSHA Class Impoundment
Inventory**

Site Status:

- A - Active
- IN - Inactive
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Permittee (Impoundment Name)	Permit Number	MSHA Number	OSM Site & MSHA Risk Classification	Site Status	Type	Coal Seam (Outcrop Barrier) Head	Site Conditions	Previous Breackthroughs (Date)
1 BDCC Holding Co., Inc (Saddle Fork Slurry Impoundment)	897-0387	KY07-00028-10	A - D/II/H/4	IN	Slurry	5 A = (V=0', H=0') VH=21'	Inactive since 1999. No water impounded. Pillared, openings, augered. Slurry slightly above 5A. Proposed seepage barrier on 5A seam.	Yes - 03/99
2 BDCC Holdings Co., Inc (Stonecoal Branch Impoundment)	897-0339	KY07-00028-02	A - A or C -	A	Slurry	Leatherwood = (V=0', H=0') VH=7' Haz #4 = Permitted in 897-5052 not mined yet. Under Impoundment.	Active impounding water. Active stripping in #5A. Slurry ~20' below 5A. Approved crest would cover 5A. Proposed seepage barrier on Leatherwood seam.	Yes, 02/02
3 Leeco, Inc. (Buckeye Creek Impoundment)	897-0287	KY07-00094-01	A or C - A or C -	A	Slurry	#4 = (V=-5', H=243') VH=254' Amburgey = (V=-205', H=0') VH=483'	Active impounding water. Amburgey under back of pool. Seep in right side of embankment.	No
4 New Horizons Coal Inc (Left Fork Impoundment)	848-9004	KY07-00015-09	A - A/II/H/1,4 B	A	Slurry	Harlan = (V=0', H=0') VH=135' Darby = (V=0', H=0') Within approved pool	Active, impounding water. Converting to slurry cells.	No
5 New Horizons Coal Inc (Right Fork Impoundment)	848-9005	KY07-00015-01	A - A/II/H/1,4 B - D -	IN	Slurry	Harlan = (V=0', H=0') VH=170' Darby = (V=0', H=0') Within approved pool Creesh - Above approved pool	Inactive since 1996. Water impounded, prior seep in the embankment. Abandonment plan submitted.	No
6 Harlan Cumberland Coal Co (Turkeypen Branch Slurry Imp)	848-8059	KY07-07029-07	A - A/II/H/1,3,4	A	Slurry	Darby = (V=0', H=0') VH=98'	Active, impounding water. Darby pillared. Seepage barrier on Darby seam.	Yes - 09/94

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Permittee (Impoundment Name)	Permit Number	MSHA Number	OSM Site & MSHA Risk Classification	Site Status	Type	Coal Seam (Outcrop Barrier) Head	Site Conditions	Previous Breakthroughs (Date)
7 Cook & Sons (Clay Hollow Impoundment)	867-8047	KY06-00277-01	A - H/II/H/5 C - D -	A	Slurry	Elk #3 = (V=-80', H=0') VH=307' Amburey = Not UG mined Whitesburg = Above approved pool	Active, impounding water.	No
8 Premier Elkhorn Coal Co (Enterprise Impoundment)	898-8098	KY06-00266-02	B - H/II/H/5	IN	Slurry	Elk #2 = (V=0', H=0') Within approved pool	Inactive since 1998. Prep plant removed 10/10. Impounding a small amount of water. Elk#2 ~10' above present pool level.	Yes - 06/99, Discharge through underdrain
9 Long Fork Coal Co (Long Fork Slurry Impoundment)	898-8068	KY06-00017-01	A - B/II/H/3 A or C	A	Slurry	Williamson = (V=-45', H=0') VH=437' Pond Cr = (V=-330', H=0') VH=697'	Active, impounding water. MSHA may require grouting of Williamson seam.	Yes, Pre-law
10 AEP Ky Coal, LLC (Rob Fork Impoundment)	898-9087	KY06-00111-02	B - A/II/H/1 A or C	A	Slurry	Elk #2 = (V=0', H=0') VH=7' Lower Elk = (V=0', H=66') VH=177'	Active, impounding water. Seep located off right abutment.	No
11 Johns Creek Coal Co (Big Ground Hog Impoundment)	898-0628	KY06-00231-02	A - E/II/M/4 XX D	A	Slurry	Elk #3 = (V=150', H=90') VH=103' Elk #1 = Stripped no UG mine Pond Cr = No UG mine, beneath impoundment	Active, impounding water. Coarse refuse blanket required on right side.	No
12 Beech Fork Processing Inc (Lackey Branch Impoundment)	858-9000	KY06-00281-02	C - B - I/II/M/5 D -	A	Slurry	Haddix = (V=32, H=500') VH=75' Coalburg = (V=0', H=0') Within approved pool Stockton = Above approved pool	Active, impounding water.	No
13 Czar Coal Corporation (Big Hollow Impoundment)	880-8002	KY06-00034-01	A - C/II/M/1	A	Slurry	Stockton = (V=-120', H=0') VH=127' No other works within pool	Active, impounding water.	No
14 New Ridge Mining Co (New Ridge Impoundment)	898-9065	KY06-00327-01	A - D/II/H/4	IN	Slurry	Pond Cr = (V=0', H=0') VH=141' House coal bank within pool	Inactive 04/02. Extensive UG works around both sides of impoundment.	No

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MSHA Class Impoundment Inventory

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Sidney Coal Co. Inc. (Sidney Impoundment)	898-5168	KY06-00197-02	A - J/II/L/5 A or B - D -	A	Slurry	Pond Cr = (V=-230', H=0') VH=756' Thacker = Within approved pool. Not mined. Peach Och = Above approved pool	Active, impounding water.	No
Chas Coal LLC (Little Camp Branch Slurry Imp)	807-8041	KY07-07066-02	A - A/II/H/1,2,3 B - D	IN	Slurry	Haz #4 = (V=-100', H=0') VH=285' Haz #7 = (V=0', H=0') (Stripped & angled to be sealed) (Within approved pool) Haz #8 = Above approved pool	Inactive 07/02. Small fire extinguished on site. Seepage in 1st lift. No instability noted. Water has been drawn down.	No
Manalapan Mining Co., Inc (Beartree Branch Slurry Imp)	848-8045	KY07-07010-04	D - A - A/II/H/1,3,4 B -	A	Slurry	Pathfork = (V=-80', H=200') VH=290' Harlan = (V=0', H=0') VH=90' Upper Harlan = (V=0', H=0') VH=28'	Active, impounding small amount of water. Wick drain. Harlan seam has seals. Seepage barrier in place. MSHA disapproved breakthrough plan.	No
M.C. Mining Inc (Scott's Branch Impoundment)	898-9110	KY06-00142-01	A - F/II/L/1	A	Slurry	Pond Cr = (V=-240', H=0') VH=310' No other works within pool.	Active, impounding water.	No
Peter Cave Mining/Wolf Creek Collieries (Holty Branch Impoundment)	880-8008	KY06-00051-04	C - A - B/II/H/3 D -	IN	Slurry	Alma = (V=-400', H=0') VH=517' Coalburg = (V=87', H=<50') VH=37' Stockton = Above approved pool	Inactive since 1995. Impounding water. Seepage barrier of unknown thickness above Coalburg seam.	No
Buckhorn Processing Co (Harris Branch Slurry Imp)	697-8005	KY07-07046-03	A - D/II/H/4 D -	IN	Slurry	Haz #7 = (V=0', H=0') VH=87' (Openings in pool) Haz #8 = Contour mined, no UG. Within approved pool.	Inactive since 1997. Impounding water.	Yes, two prior releases thru #7 coal seam in 1989 & 1991. Sinkhole developed. All openings not found.

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Manalapan Mining Co., Inc (Abner Fork Slurry Impoundment)	648-8003	KY07-07011-10	A - J/II/L/5 A or C - D -	A	Slurry	Hanlan = (V=-155', H=0') VH=671' Darby = (V=-300', H=0') VH=471' Wallins = Above approved pool	Active, impounding a small amount of water. Wick drain. Nearing completion.	No
Jericoil Mining Inc (Louders Creek Slurry Imp)	648-8001	KY07-07015-06	A - A - A/II/H/1,4	IN	Slurry	Kellioka = (V=-170', H=400') VH=250' Darby = (V=-70', H=115') VH=150' No seams in pool.	Inactive since 1989. Impounding water at upper end.	No
Bledsoe Coal Corporation (Stonecoal II Impoundment)	866-0256	KY07-07095-03	PP, C - D	A	Slurry	Haz #4 = 400' below. Permitted but not mined. Haz #7 & #8 Within approved pool. Permitted to be contoured.	Proposed Impoundment	
Levisa Fork Mining Company (Bear Branch Impoundment)	864-9001	KY06-00385-01	A -	A	Slurry	Peach Orch = (V=180', H=200') Within pool area	New impoundment. Small seep on 1st lift of right abutment.	
Leslie Resources Inc (Left Fork Slurry Impoundment)	866-9006	KY07-07058-09	A - D/II/L/5	IN	Slurry	Haz #4 Rider = (V=-130', H=0') VH=180'	Inactive since 1989. Impounding water.	No
BDCC Holding Co., Inc (Lick Fork Slurry Impoundment)	897-5048	KY07-00028-07	A - D/II/H/4	RM	Slurry	Leatherwood = (V=-25', H=0')	Overpermitted and remined. Embankment removed. MSHA removed from inventory.	No
Leeco, Inc. (Right Fork Impoundment)	897-9004	KY07-07103-05	PP, A -	PP	Slurry	Haz #4 = (V=50', H=0') VH=363'	Proposed Impoundment	
Diamond May Coal Co (Brushy Fork Slurry Impoundment)	860-9002	KY07-07073-02	A - C/II/M/1,3,4 D -	A	Slurry	Haz #4 = (V=-200', H=0') VH=311' Haz #5 = Contoured mine. Within approved pool Haz #7 = (V=0', H=0') Within approved pool	Active, impounding water.	No

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29 FDCDC Coal Inc (Butter Branch Impoundment)	836-8041	KY06-00002-02	A - D/III/H/4 D -	A	Slurry	Elk #2 = (V=0, H=0') VH=97' Openings in pool. Elk #3 = Contour mine. VH=52' #1 = (V=-10', H=300') VH=136'	Active, impounding water. Seep located on left side of embankment. #2 covered by coarse refuse on right side (old break through area). Elk #1 permitted to be UG under 836-5336.	Yes, 1990.
30 17 West Mining Inc Slurry Cells D1, D2 & D5	480-0046	KY06-00143-04	A - D/II/H/4	IN	Slurry Cells	Coalburg = (V=10', H=130') VH=87'	Inactive since 2000. Cells 99% full.	No
31 Straight Creek Coal Resource (Lovely Branch Impoundment)	866-5047	KY07-07087-01	A - D -	A	Slurry	Haz #4A = (V=-200', H=0') VH=232' Copeland = (V=220', H=350') VH=92'	Active impounding water.	No
32 Bledsoe Coal Corporation (Britton Branch Slurry Imp)	866-0236	KY07-07049-05	A - C/II/M/1,3,4 D -	A	Slurry	Haz #4 = (V=-80', H=0') VH=262' Haz #7 = Above approved pool	Active, impounding five to eight feet water.	No
33 Consol of Kentucky, Inc (Mill Creek Impoundment)	867-9007	KY06-00110-01	A - D -	A	Slurry	Elk #3 = (V=-90', H=400') VH=293' Elk #4 = Above approved pool	Active, impounding water. All stages above IV were downstream construction.	No
34 Consol of Kentucky, Inc (Four Mile Branch Impoundment)	860-9000	KY07-07108-01	D - A - B -	A	Slurry	Elk #1 = No mining Elk #3 = (V=-110', H=400') VH=313' Haz #4 = (V=60', H=120') within approved pool. Augered. Pillared.	Active, impounding water.	No
35 Peabody Coal Company (River Queen Slurry)	889-8000	KY10-08001-01	A - D/II/H/4	IN	Slurry	#9 = (V=-60', H=0') VH=100'	Inactive since 1991. Impounding water. Prep plant removed.	Yes, 1985
36 Charolais Coal/Centennial Resources (Mark Energy)	854-8011	KY10-08042-01	A - E/II/M/4	IN	Slurry	#9 = (V=0', H=0') VH=16' #11 = (V=-21', H=0') VH=41' #12 = (V=-52', H=0') VH=52'	Inactive since 1999. Impounding water. Decant leaking. AMD site. Extent of UG unknown.	No

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37 Sunny Ridge Mining Co., Inc (Bear Hollow Impoundment)	898-0505	KY06-00071-02	A - D/III/H/4	RM	Slurry	Lower Elkhorn = (V=0', H=0') VH=41'	Impoundment dewatered and slurry being mined.	No
38 Chisholm Coal (Dotson Fork Impoundment)	898-5908	KY06-00059-01		A	Slurry	No underground works associated with pool or pool perimeter.	Near capacity.	No
39 Sidney Coal Co. (Millstone Branch Impoundment)	898-9127	KY06-00246-01	A - E/III/M/4 B -	IN	Slurry	Thacker = (V=-140', H=0') VH=334' Winifred = (V=0', H=0') within approved pool.	Inactive. Prep plant partially removed. Two seeps. Seepage barrier on the Winifred seam.	No
40 Sidney Coal Co. (Millstone Branch II Imp)	898-9127	KY06-00246-02	A - B -	IN	Slurry	Thacker = (V=-154', H=0') VH=166' Winifred = (V=0', H=0') within approved pool.	Inactive, Prep plant partially removed. Not impounding water.	No
41 Gatliff Coal Company (Bennetts Branch Slurry Imp)	918-5001	KY07-07042-01	A - F/II/L/1,3,4 A -	A	Slurry	Jellico = (V=-190', H=0') VH=308' Blue Gem = (V=-333', H=0') VH=451'	Active, impounding water.	No
42 Bledsoe Coal Corporation (Gabes Creek Slurry Imp)	848-8040	KY07-07063-02	A - I/II/M/1,5	IN	Slurry	Leatherwood = (V=-185', H=0') VH=293'	Inactive since 1992. Impounding water.	No
43 Stone Mining Co (Grant's Branch Impoundment)	898-9074	KY06-00010-03	A - F/II/L/2	RC	Slurry	Pond Creek = (V=-180', H=0') VH=328'	Reclaimed, impounding water.	No
44 Premier Elkhorn Coal Co (Burke Branch Impoundment)	898-9072	KY06-00373-01	D - C - F/II/L/2 C -	A	Slurry	Giamolgan = Not Mined Lower Elkhorn = (V=200', H=2,000) VH=0' Elkhorn #2 = (H=400') Within approved pool	Active, impounding water.	No
45 Bledsoe Coal Corporation (Half Mile Slurry Imp)	866-8008	KY07-07051-03	A - J/II/L/5 A -	A	Slurry	Hazard #4R = (V=-200', H=0') VH=440' Hazard #4 = (V=-1173', H=0') VH=413' Copeland = (V=-40', H=0') VH=280'	Active, impounding water. Construction included upstream, downstream, centerline.	No
46 Bledsoe Coal Corporation (Robin Branch Dam)	866-0237	KY07-07102-01	A -	iN	Fresh Water	Hazard #4 = (V=-60', H=0') VH=131'	Active, impounding water.	No
47 Roadside Processing, Inc (Copperas Fork Imp)	874-9005	KY07-07050-11		IN	Slurry	No underground works associated with pool or pool perimeter.	Inactive since the 1980s. Impounding water.	No

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Roadside Processing, Inc (No. 2 FW Dam)	874-8003	KY07-07050-07		IN	Fresh Water	No underground works associated with pool or pool perimeter.	Inactive since the 1980s. Impounding water.	No
Southfork Coal Company (Justus Dam)	874-8004	KY07-07013-03	C -	IN	Fresh Water	Steams 11/2 = (V=-.560', H=0') VH=554'	Inactive since 1998. Impounding water.	No
CH Development, LLC (Freshwater Pond)	861-8011	KY07-07012-01		A	Fresh Water	No underground works associated with pool or pool perimeter.	Active, currently used as sediment pond.	No
CH Development, LLC (Pond of Reeds)	861-8011	KY07-07012-02		A	Fresh Water	No underground works associated with pool or pool perimeter.	Active, currently used as sediment pond.	No
CH Development, LLC (Module No. 1)	861-8011	KY07-07012-05		IN	Slurry	No underground works associated with pool or pool perimeter.	Inactive since 1994. Completely dry.	No
CH Development, LLC (Module No. 2)	861-8011	KY07-07012-06		IN	Slurry	No underground works associated with pool or pool perimeter.	Inactive since 1994. Completely dry.	No
CH Development, LLC (Module No. 3)	861-8011	KY07-07012-07		IN	Slurry	No underground works associated with pool or pool perimeter.	Inactive since 1994. Completely dry. Capped & sealed.	No
CH Development, LLC (Module No. 4)	861-8011	KY07-07012-08		IN	Slurry	No underground works associated with pool or pool perimeter.	Inactive since 1994. Completely dry. Capped & sealed.	No
CH Development, LLC (Module No. 5)	861-8011	KY07-07012-10		A	Slurry	No underground works associated with pool or pool perimeter.	Active, being remained.	No
CH Development, LLC (Module No. 6)	861-8011	KY07-07012-11		A	Slurry	No underground works associated with pool or pool perimeter.	Active, completely dry.	No
CH Development, LLC (Module No. 7)	861-8011	KY07-07012-12		A	Slurry	No underground works associated with pool or pool perimeter.	Active, completely dry.	No
McCoy Elkhorn Coal Corp (Cow Branch Impoundment)	898-9012	KY06-00196-05	A - A - G/L/L/4	A	Slurry	Pond Creek = (V=-.130', H=0') VH=405' Alma = (V=0', H=0') VH=215'	Active, impoundment full. Coarse refuse being hauled to Merry Branch Refuse.	No

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Straight Creek Coal Resource (Stoney Fork Impoundment)	407-8004	KY07-07145-01	D - B -	A	Slurry	Hazard #4 = Not Mined Hazard #8 = (V=0', H=0') Within approved pool.	Active, impounding water.	No
Left Fork Mining Inc (Arjay Impoundment)	807-8029	KY07-07004-02	A -	A	Slurry	Straight Creek = (V=340', H=0') VH=350'	Active, impounding very little water	No
Bell County Coal Corporation (Coppers Fork Impoundment)	807-9002	KY07-07039-04	A - A/II/H/I,4	A	Slurry	Poplar Lick = (V=0', H=0') within approved pool Buckeye Springs = (V=-120', H=0')	Active, impounding water.	No
Whitaker Coal Corporation (Four Seam Slurry Imp)	897-9005	KY07-07044-09	D - A - A - A - J/I/L/5 A -	A	Slurry	Hazard #9 = (H=100') Above approved pool. Francis #8 = (V=0', H=0') within approved pool. Hazard #7 = (V=0', H=0') VH=25' Hazard #5A = (V=0', H=0') VH=124' Hazard #4 = (V=-330', H=0') VH=474'	Active, impounding water. Seep in embankment.	No
Pine Branch Coal Sales, Inc (Dam No. 5N)	897-0011	KY07-07082-01		A	Fresh Water	No underground works associated with pool or pool perimeter.	Active, impounding water.	No
Buckhorn Processing Co (Sediment Dam)	697-8005	KY07-07046-01		A	Fresh Water	Hazard #7 = (V=0', H=0')	Inactive, impounding water. Silt control for entire permit. Berm blocks emergency spillway water from old opening. AMD site.	No
Buckhorn Processing Co (Lower South Fork Dam)	697-8005	KY07-07046-02		IN	Slurry	Hazard #7 = (V=0', H=0')	Inactive since 1990. Not impounding water. MSHA reclassified as Dry Refuse Fill.	No
Buckhorn Processing Co (Upper South Fork Dam)	697-8005	KY07-07046-03		IN	Slurry	Hazard #7 = (V=0', H=0') located under crest at the right abutment	Inactive since 1990. Not impounding water. Crest at 1379.	No

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Kentucky Processing Company (Effluent Pond)	833-8002	KY07-07016-05		IN	Fresh Water	No underground works associated with pool or pool perimeter.	Inactive since 1994. Impounding water.	No
Kentucky Processing Company (Calmes Pond)	833-8002	KY07-07016-07		IN	Slurry	No underground works associated with pool or pool perimeter.	Inactive since 1994. Impounding water.	No
Kentucky Processing Company (Puckett Impoundment)	833-9002	KY07-07016-09		IN	Slurry	No underground works associated with pool or pool perimeter.	Inactive since 1994. Seep below embankment. Scarp on downstream face. Principal spillway pipe blocked at outlet end.	No
Shamrock Coal Company Inc (Adams Fork Slurry Imp)	866-9001	KY07-07095-01	A -	A	Slurry	Hazard #4 = (V=400', H=0') VH = 595'	Active, initial stage. Seep on right side. No problem	
Shamrock Coal Company Inc (Roark Branch Dam)	866-5036	KY07-07115-01		IN	Fresh Water	Hazard #4 = (V=-70', H=135) VH = 168'	Active, only activity is water drawdown	No
Lodestar Energy, Inc (Chapparral Impoundment)	898-8012	KY06-00226-02		A	Slurry	No underground works associated with pool or pool perimeter.	Active, also used by Pikeville to dispose Water Plant waste.	No
AEP Ky Coal, LLC (Three Mile Impoundment)	898-9126	KY06-00004-01		IN	Slurry	No underground works associated with pool or pool perimeter.	Inactive since 1993. Site being reclaimed as part of surface coal mining operation.	Yes, early 1970s, per MSHA.
AEP Ky Coal, LLC (Hopkins Fork Imp)	898-8128	KY06-00066-05		A	Slurry	Eikhorn #1 = (V=0', H=0') within approved pool Millard = (V=-110', H=200') VH=255'	Active, impounding water	No
Leslie Resources Inc (Rowdy Branch Dam)	897-0395	KY07-07097-01		A	Fresh Water	No underground works associated with pool or pool perimeter.	Active, impounding water	No
Leslie Resources Inc (Cockrell Dam)	897-0395	KY07-07118-01		A	Fresh Water	No underground works associated with pool or pool perimeter.	Active, impounding water	No

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78 Coastal Coal Co. LLC (Oldhouse Branch Imp)	867-8048	KY06-00244-01		A	Slurry	No underground works associated with pool or pool perimeter.	Active, impounding water	No
79 Leslie Resources, Inc (Hollybush Dam)	497-0122	KY07-07089-01		A	Fresh Water	No underground works associated with pool or pool perimeter.	Active, impounding water	No
80 Leslie Resources, Inc (Wiley Miller Dam)	497-0122	KY07-07089-02		A	Fresh Water	No underground works associated with pool or pool perimeter.	Active, impounding water	No
81 Leeco, Inc (Beech Fork Impoundment)	897-8034	KY07-07103-02		A	Slurry	Hazard #4 = (V=-130', H=0')	Active, not impounding water.	No
82 Starfire Mining Co (Buckhorn Creek Dam)	860-0003	KY07-07150-01		NS	Fresh Water	NA	Not Started	
83 Starfire Mining Co (Long Fork Impoundment)	860-0003	KY07-07150-02		NS	Slurry	NA	Not Started	
84 Starfire Mining Co (Lick Branch Impoundment)	860-9005	KY07-07149-01		IN	Slurry	No underground works associated with pool or pool perimeter.	Inactive since 1999. No activity.	No
85 17 West Mining Inc (Peter Cave Dam)	880-0003	KY06-00143-02		A	Fresh Water	No underground works associated with pool or pool perimeter.	Active, impounding water	No
86 Czar Coal Corporation (Grassy Gap Impoundment)	880-8002	KY06-00199-01		A	Fresh Water	No underground works associated with pool or pool perimeter.	Active, used for prep plant water.	No
87 Motts Branch Coal Inc (Big Branch Impoundment)	860-8011	KY07-07005-08		IN	Slurry	Elkhorn #3 = (V=-32, H=0') VH=179' Elkhorn #2 = (V=-82, H=0') VH=279' Elkhorn #1 = No Mining	Inactive since 1995.	
88 Addington Mining, Inc (Sediment Pond 002)	813-8010	KY07-07071-01		A	Fresh Water	Underground works above dam and crest elevation.	Active, impounding water	No
89 Addington Mining, Inc (Slurry Impoundment 401)	813-8010	KY07-07071-02		A	Slurry	Underground works above dam and crest elevation.	Active, impounding water	No
90 Leslie Resources Inc (Fugate Fork Slurry)	813-8011	KY07-07022-05		IN	Slurry	No underground works associated with pool or pool perimeter.	Inactive since 1997. Impounding water	No
91 Knott County Coal Co (King Branch Impoundment)	860-9004	KY07-07113-03		A	Slurry	Elkhorn #3 = (V=0', H=0') Within approved pool Elkhorn #2 = No Mining	Active, new spillway constructed	No
92 BDCC Holding Co Inc (Guthrie No. 4 Dam)	897-5048	KY07-00028-04		A	Fresh Water	Underground works above dam and crest elevation.	Active, impounding water	No

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Chas Coal/Ikerd Bandy Company Inc (Bloss Branch Impoundment)	826-8028	KY07-07052-05		IN	Slurry	Underground works above dam and crest elevation.	Inactive since 1998. Impounding water.	No
Island Creek Coal Company (Ohio #11 Freshwater)	713-5000	KY10-08021-01	L/I/I/F	A	Fresh Water	#9 = (V=-158', H=0') VH=? #11 = (V=-305, H=0') VH=?	Active, impounding water	No
Island Creek Coal Company (Ohio #11 Slurry)	713-5000	KY10-08021-02	L/I/I/F	IN	Slurry	#9 = (V=-136', H=0') VH=?	Inactive since 1999. Impounding water.	No
Island Creek Coal Company (Hamilton 2 Freshwater)	713-5001	KY10-08024-02	L/I/I/F	IN	Fresh Water	#11 = (V=-209', H=0') VH=?	Inactive since 1996. Impounding water.	No
Island Creek Coal Company (Hamilton 1 Freshwater)	713-5002	KY10-08020-01	L/I/I/F	IN	Fresh Water	#11 = (V=-597', H=0') VH=?	Inactive since 1984. Full of sediment.	No
Island Creek Coal Company (Hamilton 1 Slurry)	713-5002	KY10-08020-04	L/I/I/F	IN	Slurry	#11 = (V=-597', H=0') VH=?	Inactive since 1984. Full of sediment.	No
Island Creek Coal Company (Hamilton 1 Freshwater)	713-5002	KY10-08020-07	L/I/I/F	A	Fresh Water	#11 = (V=-597', H=0') VH=?	Active, full but not abandoned	No
Island Creek Coal Company (Hamilton 1 Slurry)	713-5002	KY10-08020-06	L/I/I/F	IN	Slurry	#11 = (V=-597', H=0') VH=?	Inactive since 1999.	No
Lodestar Energy, Inc (Prep Plant 2 Caudill 2 Slurry)	913-5003	KY10-08038-02	L/I/I/F	IN	Slurry	#9 = (V=-100', H=0') VH=131' #11 = (V=-230', H=0') VH=?	Inactive since 2001. Remined slurry in 2000.	No
Peabody Coal Company (Camp #11 Slurry IV)	913-5011	KY10-08017-01	L/I/I/F	IN	Slurry	#11 = (V=-250', H=0') VH=?	Inactive since 1998.	No
Peabody Coal Company (Camp #11 Slurry I)	913-5011	KY10-08017-02	L/I/I/F	IN	Slurry	#11 = (V=-250', H=0') VH=?	Inactive since 1995. Due for abandonment in 2002	No
Peabody Coal Company (Camp #11 Slurry II)	913-5011	KY10-08017-03	L/I/I/F	IN	Slurry	#11 = (V=-250', H=0') VH=?	Inactive since 1995. Due for abandonment in 2002	No
Peabody Coal Company (Camp #11 Freshwater)	913-5011	KY10-08017-05	L/I/I/F	A	Fresh Water	#11 = (V=-120', H=0') VH=?	Active, impounding water	No
Peabody Coal Company (Camp 9 Prep Freshwater)	913-5011	KY10-08035-01	L/I/I/F	A	Fresh Water	#11 = (V=-204', H=0') VH=216'	Active, impounding water	No

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Peabody Coal Company (Camp 9 Prep Slurry III)	913-5011	KY10-08035-02	L/II/F	A	Slurry	#11 = (V=-205', H=0') VH=220'	Active, impounding water	No
Peabody Coal Company (Camp 9 Prep Slurry II)	913-5011	KY10-08035-03	L/II/F	A	Slurry	#11 = (V=-205', H=0') VH=217'	Active, impounding water	No
Peabody Coal Company (Camp 9 Prep Slurry I)	913-5011	KY10-08035-06	L/II/F	A	Slurry	#11 = (V=-203', H=0') VH=238'	Active, impounding water	No
Peabody Coal Company (Centerprep Freshwater)	892-5000	KY10-08012-07		IN	Fresh Water	#9 = (V=-250', H=200') VH=183'	Inactive since 1986. Impounding water.	No
Peabody Coal Company (Centerprep Slurry)	892-5000	KY10-08012-08		IN	Slurry	#9 = (V=-220', H=110') VH=234'	Inactive since 1986. Impounding water.	No
Ken American Resources (Paradise Mine Freshwater)	889-5009	KY10-08048-01	L/III/4/E	A	Fresh Water	#9 = (V=-89', H=100') VH=166' #11 = (V=0', H=800') VH=83'	Active, impounding water	No
Green Coal Co (K-Nine Slurry)	830-8003	KY10-08029-01		AB	Slurry	#9 = Old works, limited extent, stripped out.	Abandoned since 1994. Impounding water.	No
Chas Coal, LLC (Little Camp Branch Dam)	807-8041	KY07-07066-01		A	Fresh Water	Hazard #4 = (V=20', H=100') VH=43'	Active silt basin	No
Chas Coal, LLC (Sims Fork Dam)	807-0296	KY07-07066-04		RC	Fresh Water	NA	NA	NA
Consol of Kentucky Inc (Four Mile Branch Sediment)	860-9000	KY07-07108-02		A	Fresh Water	No underground works associated with pool or pool perimeter.	Active, not an MSHA structure at present.	No
Martin County Coal Corp (Big Branch Impoundment)	680-8002	KY06-00035-01		IN	Slurry	Coalburg	Inactive since 2000. Closure plan submitted.	Yes
Mountain Labor, LLC (Pounding Mill Impoundment)	848-9018	KY07-07093-09		IN	Slurry		Inactive, not impounding water.	No
Sidney Coal Co. Inc. (Sukey Impoundment)	898-9091			NS	Slurry		New Permit	No

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