

APPENDIX 1

Sum Surface, Underground, & Lignite Coal Tonnage Mined by State by Year

<u>YEAR</u>	Data from AML coal production spreadsheet						West Total	U.S. Total
	Colorado	Montana	New Mexico	North Dakota	Wyoming			
1996	23,499,749	32,682,364	14,430,544	29,743,828	263,046,538	363,403,023	1,023,970,154	
1997	27,361,572	33,188,394	15,560,870	29,435,895	276,803,625	382,350,356	1,062,989,720	
1998	25,654,369	35,575,154	15,699,062	29,627,657	293,213,314	399,769,556	1,085,488,487	
1999	29,627,050	35,177,712	18,052,718	30,755,425	324,023,291	437,636,196	1,092,630,306	
2000	27,827,729	35,247,277	17,462,300	31,288,588	332,633,691	444,459,585	1,072,338,654	
2001	32,389,510	32,659,246	18,609,281	30,719,476	351,805,257	466,182,770	1,093,789,870	
2002	33,352,515	33,110,943	17,120,582	30,604,512	365,142,176	479,330,728	1,082,554,179	
2003	34,216,282	30,161,020	16,274,397	31,229,296	371,902,169	483,783,164	1,068,719,875	
2004	38,073,537	31,818,393	14,121,977	30,791,582	382,753,283	497,558,772	1,081,590,007	
2005	39,177,286	34,346,579	12,775,798	29,406,246	399,566,603	515,272,513	1,113,780,178	
Total	311,179,599	333,967,082	160,107,529	303,602,504	3,360,889,947	4,469,746,662	10,777,851,430	

APPENDIX 2

Acreage Figures

Disturbed and Reclaimed

#VALUE = incomplete data set

Highlighted = data inconsistent with annual report

Data from Tables 2 & 5 of OSM annual state oversight reports

Colorado	Phase I Bond Release	Phase II Bond Release	Phase III Bond Release	Total Bonded Acreage by Year	Total Permitted Acreage per Year
1996	40.76	34.80	37.62	"DMG has not tracked this data in the past....will start EY97"	161,000
1997	1,271.94	476.34	295.77	20,845.40	174,650
1998	3,984.70	483.60	5,203.70	21,737.50	189,770
1999	453.30	754.80	909.80	22,692.25	166,600
2000	258.00	912.00	1,063.00	23,647.00	179,500
2001	1,203.40	3,547.30	1,205.40	22,329.00	163,500
2002	96.50	864.90	2,597.70	21,123.60	162,600
2003	154.64	4.54	80.90	20,248.00	162,800
2004	980.00	10.00	1,867.70	20,455.60	162,890
2005	186.60	64.50	234.50	18,066.00	163,320
Totals	8,629.84	7,152.78	13,496.09		

Cell E6 is listed as N/A in oversight report; number above is average of preceding and following years.

Data from OSM annual national reports

Colorado	Phase I Bond Release	Phase II Bond Release	Phase III Bond Release	Total Bonded Acreage by Year	Total Permitted Acreage per Year	% errors cells without data not included
1996	N/A	N/A	16	N/A	160,948	
1997	N/A	N/A	296	N/A	159,770	
1998	3985	484	5204	22,010	192,849	
1999	453	775	910	22,595	166,600	27.5
2000	258	912	1063	19,563	179,500	
2001	1203	3547	1205	22,113	163,510	
2002	97	865	2598	23,082	1,626,000	
2003	154	253	1510	N/A	3,723,701	
2004	980	10	1868	N/A	162,900	
2005	187	65	235	N/A	163,320	
Totals	7,317.00	6,911.00	14,905.00			

#VALUE = incomplete data set

Highlighted = data inconsistent with annual report

Data from Tables 2 & 5 of OSM annual state oversight reports

Montana	Phase I Bond Release	Phase II Bond Release	Phase III Bond Release	Total Bonded Acreage by Year	Total Permitted Acreage per Year
1996	1,291.09	787.09	0.00	24,633.04	60,700.00
1997	1,176.00	0.00	0.00	25,545.88	60,300.00
1998	179.00	179.00	0.00	60,786.00	86,600.00
1999	1,263.00	847.00	0.00	59,550.00	55,400.00
2000	386.00	386.00	0.00	54,806.00	56,700.00
2001	422.00	422.00	0.00	54,039.50	59,070.00
2002	997.40	378.90	0.00	53,273.00	62,470.00
2003	0.00	0.00	0.00	62,501.00	62,700.00
2004	2,132.50	991.00	67.68	63,142.00	65,760.00
2005	276.50	557.00	18.08	63,004.70	65,760.00
Totals	8,123.49	4,547.99	85.76		

Cell E22 is listed as N/A in oversight report; number above is average of preceding and following years.

Data from OSM annual national reports

Montana	Phase I Bond Release	Phase II Bond Release	Phase III Bond Release	Total Bonded Acreage by Year	Total Permitted Acreage per Year	% errors cells without data not included
1996	N/A	N/A	0	N/A	60,745	
1997	N/A	N/A	0	N/A	60,300	
1998	0	0	0	26,061	59,012	
1999	0	0	0	23,115	59,670	
2000	386	386	0	27,757	56,700	50
2001	422	422	0	25,769	49,934	
2002	253	126	0	29,763	62,621	
2003	0	0	0	N/A	63,354	
2004	2571	991	18	N/A	62,687	
2005	277	557	18	N/A	62,269	
Totals	3,909.00	2,482.00	36.00			

#VALUE = incomplete data set

Highlighted = data inconsistent with annual report

Data from tables 2 & 5 of OSM annual state oversight reports.

New Mexico	Phase I Bond Release	Phase II Bond Release	Phase III Bond Release	Total Bonded Acreage by Year	Total Permitted Acreage per Year
1996	report not available				
1997	report not available				
1998	0.00	0.00	0.00	11,803.00	125,100.00
1999	1,832.00	457.30	0.00	18,977.00	80,000.00
2000	0.00	144.10	0.00	80,443.00	97,800.00
2001	1,243.00	1,243.00	237.00	98,479.60	97,500.00
2002	0.00	0.00	308.00	98,242.60	97,000.00
2003	0.00	0.00	149.39	98,127.00	98,950.00
2004	921.00	1,998.70	694.10	98,127.00	79,325.00
2005	3,162.00	54.00	54.00	77,462.00	77,462.00
Totals	7,158.00	3,897.10	1,442.49		

Cells B38 and C38 are listed as N/A in oversight report; numbers above are corresponding data given in annual report.

Data from OSM annual national reports

New Mexico	Phase I Bond Release	Phase II Bond Release	Phase III Bond Release	Total Bonded Acreage by Year	Total Permitted Acreage per Year	% errors cells without data not included
1996	N/A	N/A	0	N/A	49,970	
1997	N/A	N/A	0	N/A	71,990	
1998	0	0	0	19,661	74,074	
1999	1832	457	0	20,180	80,000	
2000	0	144	0	20,507	97,800	
2001	0	1243	237	22,593	97,500	35.294
2002	N/A	0	0	2,138	97,000	
2003	0	0	150	N/A	103,280	
2004	54	500	793	N/A	79,325	
2005	3162	54	54	N/A	77,462	
Totals	5,048.00	2,398.00	1,234.00			

#VALUE = incomplete data set

Highlighted= data inconsistent with annual report

Data from Tables 2 & 5 of OSM annual state oversight reports

North Dakota	Phase I Bond Release	Phase II Bond Release	Phase III Bond Release	Total Bonded Acreage by Year	Total Permitted Acreage per Year
1996	0.00	101.00	135.00	34,850.00	72,600.00
1997	80.10	248.80	540.60	37,750.00	72,060.00
1998	738.00	925.00	1,360.00	71,110.00	70,100.00
1999	870.00	870.00	870.00	69,877.00	69,200.00
2000	372.00	372.00	639.00	69,156.00	74,480.00
2001	1,647.00	80.00	189.00	75,214.00	75,280.00
2002	72.09	72.09	72.09	75,129.00	77,790.00
2003	458.60	28.60	220.69	77,722.00	77,610.00
2004	1,062.00	1,228.00	2,400.00	76,634.70	92,460.00
2005	841.53	428.77	827.72	75,931.76	98,150.00
Totals	6,141.32	4,354.26	7,254.10		

Data from OSM annual national reports

North Dakota	Phase I Bond Release	Phase II Bond Release	Phase III Bond Release	Total Bonded Acreage by Year	Total Permitted Acreage per Year
1996	N/A	N/A	135	N/A	72,600
1997	N/A	N/A	541	N/A	72,060
1998	738	925	1360	43,442	70,100
1999	834	1021	2619	43,032	71,700
2000	372	372	639	47,054	74,480
2001	1647	80	189	46,465	76,092
2002	0	0	109	49,190	75,129
2003	72	72	72	N/A	78,620
2004	1062	1228	2400	N/A	93,218
2005	842	429	828	N/A	98,148
Totals	5,567.00	4,127.00	8,892.00		

% errors cells without data not included

46.341

#VALUE = incomplete data set

Highlighted = data inconsistent with annual report

Data from Tables 2 & 5 of OSM annual state oversight reports

Wyoming	Phase I Bond Release	Phase II Bond Release	Phase III Bond Release	Total Bonded Acreage by Year	Total Permitted Acreage per Year
1996	0.00	0.00	0.00	87,154.33	not given
1997	1.00	0.00	0.00	85,491.57	319,470.00
1998	0.00	0.00	0.00	173,515.00	319,470.00
1999	197.00	374.60	106.40	181,561.00	319,470.00
2000	143.00	2,692.00	33.40	337,445.00	337,445.00
2001	3.04	1,545.50	0.00	335,177.00	335,200.00
2002	1,396.10	0.00	34.30	340,464.12	335,200.00
2003	4,520.00	0.00	453.00	339,136.00	339,100.00
2004	6,549.60	0.00	0.00	345,570.00	345,800.00
2005	16,131.00	306.00	0.00	348,248.00	348,600.00
Totals	28,940.74	4,918.10	627.10		

Data from OSM annual national reports

Wyoming	Phase I Bond Release	Phase II Bond Release	Phase III Bond Release	Total Bonded Acreage by Year	Total Permitted Acreage per Year	% errors cells without data not included
1996	N/A	N/A	0	N/A	321,500	
1997	N/A	N/A	0	N/A	319,470	
1998	0	0	0	62,043	319,470	
1999	197	375	106	81,561	319,470	
2000	143	2,692	33	87,655	337,445	17.5
2001	3	1,545	0	93,842	335,177	
2002	1,397	0	34	4,067	335,200	
2003	6,647	0	453	N/A	343,262	
2004	6,550	0	0	N/A	345,570	
2005	16,131	306	0	N/A	348,600	
Totals	31,068.00	4,918.00	626.00			

West Totals	Phase I Bond Release	Phase II Bond Release	Phase III Bond Release	Total Bonded Acreage by Year	Total Permitted Acreage per Year
1996	1,331.85	922.89	172.62	146,637.37	294,300.00
1997	2,529.04	725.14	836.37	169,632.85	626,480.00
1998	4,901.70	1,587.60	6,563.70	338,951.50	791,040.00
1999	4,615.30	3,303.70	1,886.20	352,657.25	690,670.00
2000	1,159.00	4,506.10	1,735.40	565,497.00	745,925.00
2001	4,518.44	6,837.80	1,631.40	585,239.10	730,550.00
2002	2,562.09	1,315.89	3,012.09	588,232.32	735,060.00
2003	5,133.24	33.14	903.98	597,734.00	741,160.00
2004	11,645.10	4,227.70	5,029.48	603,929.30	746,235.00
2005	20,597.63	1,410.27	1,134.30	582,712.46	753,292.00
Totals	58,993.39	24,870.23	22,905.54		
Missing data: 1996-7 NM all; 1996 CO total disturbed; 1996 WY total permitted					
Estimated data: CO 99 disturbed, MT 01 disturbed, NM 03 phase I & phase II					

Data from OSM annual national reports						Avg % errors cells without data not included
West Totals	Phase I Bond Release	Phase II Bond Release	Phase III Bond Release	Total Bonded Acreage by Year	Total Permitted Acreage per Year	
1996	N/A	N/A	151.00	#VALUE!	665,763	
1997	N/A	N/A	837.00	#VALUE!	683,590	
1998	4,723.00	1,409.00	6,564.00	173,217	715,505	35.385
1999	3,316.00	2,628.00	3,635.00	190,483	697,440	
2000	1,159.00	4,506.00	1,735.00	202,536	745,925	
2001	3,275.00	6,837.00	1,631.00	210,782	722,213	
2002	1,747.00	991.00	2,741.00	108,240	2,195,950	
2003	6,873.00	325.00	2,185.00	#VALUE!	4,312,217	
2004	11,217.00	2,729.00	5,079.00	#VALUE!	743,700	
2005	20,599.00	1,411.00	1,135.00	#VALUE!	749,799	
Totals	52,909.00	20,836.00	25,693.00			

Cumulative West Totals	Phase I Bond Release	Phase II Bond Release	Phase III Bond Release	Cumulative Phase III Bond Release by Year as % of Total Disturbed Acreage by Year
1978-95	N/A	N/A	8,636.00	
1996	1,331.85	922.89	8,808.62	6.01
1997	3,860.89	1,648.03	9,644.99	5.69
1998	8,762.59	3,235.63	16,208.69	4.78
1999	13,377.89	6,539.33	18,094.89	5.13
2000	14,536.89	11,045.43	19,830.29	3.51
2001	19,055.33	17,883.23	21,461.69	3.67
2002	21,617.42	19,199.12	24,473.78	4.16
2003	26,750.66	19,232.26	25,377.76	4.25
2004	38,395.76	23,459.96	30,407.24	5.03
2005	58,993.39	24,870.23	31,541.54	5.41
AVERAGE				4.76

1978-1995 data from OSM 20th-anniversary report

FOR COMPARISON:

1996-2005 data from OSM annual national reports

1978-1995 data from OSM 20th-anniversary report: data available only for Phase III release

	Acreage of Phase III Bond Release 1994	Acreage of Phase III Bond Release 1995	Acreage of Phase III Bond Release 1996	Acreage of Phase III Bond Release 1997	Acreage of Phase III Bond Release 1998	Acreage of Phase III Bond Release 1999	Acreage of Phase III Bond Release 2000	Acreage of Phase III Bond Release 2001	Acreage of Phase III Bond Release 2002	Acreage of Phase III Bond Release 2003	Acreage of Phase III Bond Release 2004	Acreage of Phase III Bond Release 2005	Totals
Colorado	3	0	16	296	5,204	910	1,063	1,205	2,598	1,510	1,868	235	14,908
Montana	0	0	0	0	0	0	0	0	0	0	18	18	36
New Mexico	0	331	0	0	0	0	0	237	0	150	793	54	1,565
North Dakota	0	113	135	541	1,360	2,619	639	189	109	72	2,400	828	9,005
Wyoming	0	30	0	0	0	106	33	0	34	453	0	0	656
Total	3	474	151	837	6,564	3,635	1,735	1,631	2,741	2,185	5,079	1,135	25,693

<u>Cumulative Total</u>	<u>Total Phase III release (1978- 93)</u>	<u>1994</u>	<u>1995</u>	<u>1996</u>	<u>1997</u>	<u>1998</u>	<u>1999</u>	<u>2000</u>	<u>2001</u>	<u>2002</u>	<u>2003</u>	<u>2004</u>	<u>2005</u>
Colorado	62	65	65	81	377	5,581	6,491	7,554	8,759	11,357	12,867	14,735	14,970
Montana	80	80	80	80	80	80	80	80	80	80	80	98	116
New Mexico	13	13	344	344	344	344	344	344	581	581	731	1,524	1,578
North Dakota	1364	1364	1477	1,612	2,153	3,513	6,132	6,771	6,960	7,069	7,141	9,541	10,369
Wyoming	6640	6640	6670	6,670	6,670	6,670	6,776	6,809	6,809	6,843	7,296	7,296	7,296
Total	8,159	8,162	8,636	8,787	9,624	16,188	19,823	21,558	23,189	25,930	28,115	33,194	34,329

APPENDIX 3

Inspectable Units and Inspections

ALL DATA FROM ANNUAL STATE OVERSIGHT REPORTS

CI=Complete Inspection

PI=Partial Inspection

COLORADO

Inspectable Units

COLORADO Inspections

	Active/Temp		Active		(required)		Inactive		(required)	
	Inactive	Inactive	CI	PI	CI	PI	CI	PI	CI	PI
1996	45	3			180	540			12	
1997	23	26			92	276			104	
1998	26	21			104	312			84	
1999	38	6			152	456			24	
2000	23	19			92	276			76	
2001	24	18	204	137	96	288	23	32	72	
2002	23	15	91	197	92	276	59	102	60	
2003	20	17			60	180			51	
2004	24	13	96	182	96	288	59	88	52	
2005	23	14	93	190	92	276	56	89	56	

COLORADO

	Inspection/ Active Mine		Inspection/Inactive		Inspection/Mine		Missing	
	CI	PI	CI	PI	CI	CI	PI	
1996	0.00	0.00	0.00	0.00	0.00			
1997	0.00	0.00	0.00	0.00	0.00			
1998	0.00	0.00	0.00	0.00	0.00			
1999	0.00	0.00	0.00	0.00	0.00			
2000	0.00	0.00	0.00	0.00	0.00			
2001	8.50	5.71	1.28	1.78	5.40	59	-151	
2002	3.96	8.57	3.93	6.80	3.95	-2	-79	
2003	0.00	0.00	0.00	0.00	0.00			
2004	4.00	7.58	4.54	6.77	4.19	7	-106	
2005	4.04	8.26	4.00	6.36	4.03	1	-86	
						Total	-2	-422

MONTANA
Inspectable Units

MONTANA Inspections

	Active/Temp		Active		(required)		Inactive		(required)	
	Inactive	Inactive	CI	PI	CI	PI	CI	PI	CI	PI
1996	13	5	1996		52	156			20	
1997	13	5	1997		52	156			20	
1998	22	3	1998		88	264			12	
1999	11	2	1999	60	89	44	132	22	18	8
2000	11	2	2000	65	79	44	132	10	6	8
2001	12	1	2001	69	100	48	144	12	1	4
2002	13	1	2002	84	87	52	156	4	0	4
2003	13	1	2003	60	60	39	117	15	0	3
2004	13	0	2004	78	98	52	156	16	9	0
2005	13	0	2005	75	74	52	156	14	6	0

MONTANA

	Inspection/Active Mine		Inspection/Inactive		Inspection/Mine	Missing	
	CI	PI	CI	PI		CI	PI
1996	0.00	0.00	0.00	0.00	0.00		
1997	0.00	0.00	0.00	0.00	0.00		
1998	0.00	0.00	0.00	0.00	0.00		
1999	5.45	8.09	11.00	9.00	6.31	30	-43
2000	5.91	7.18	5.00	3.00	5.77	23	-53
2001	5.75	8.33	12.00	1.00	6.23	29	-44
2002	6.46	6.69	4.00	0.00	6.29	32	-69
2003	4.62	4.62	15.00	0.00	5.36	33	-57
2004	6.00	7.54	#DIV/0!	#DIV/0!	7.23	42	-58
2005	5.77	5.69	#DIV/0!	#DIV/0!	6.85	37	-82
					Total		-406

NEW MEXICO
Inspectable Units

NEW MEXICO Inspections

	Active/Temp		Active		(required)		Inactive		(required)	
	Inactive	Inactive	CI	PI	CI	PI	CI	PI	CI	PI
1996			1996		0	0			0	
1997			1997		0	0			0	
1998	21	0	1998		84	252			0	
1999	13	2	1999		52	156			8	
2000	13	2	2000		52	156			8	
2001	13	2	2001	52	104	52	156	8	16	8
2002	15	0	2002	20	48	60	180	36	76	0
2003	6	9	2003	15	45	18	54	27	71	27
2004	9	2	2004	16	66	36	108	34	59	8
2005	9	0	2005	32	85	36	108			0

NEW MEXICO

	Inspection/Active mine		Inspection/Inactive		Inspection/Mine	Missing	
	CI	PI	CI	PI		CI	PI
1996	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		
1997	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		
1998	0.00	0.00	#DIV/0!	#DIV/0!	0.00		
1999	0.00	0.00	0.00	0.00	0.00		
2000	0.00	0.00	0.00	0.00	0.00		
2001	4.00	8.00	4.00	8.00	4.00	0	-52
2002	1.33	3.20	#DIV/0!	#DIV/0!	3.73	-4	-132
2003	2.50	7.50	3.00	7.89	2.80	-3	-9
2004	1.78	7.33	17.00	29.50	4.55	6	-42
2005	3.56	9.44	#DIV/0!	#DIV/0!	3.56	-4	-23
					Total	-11	-258

NORTH DAKOTA
Inspectable Units

NORTH DAKOTA Inspections

	Active/Temp		Active		(required)		Inactive		(required)	
	Inactive	Inactive	CI	PI	CI	PI	CI	PI	CI	PI
1996	34	4			136	408				16
1997	34	4			136	408				16
1998	32	5			128	384				20
1999	31	5	124	461	124	372	36	104		20
2000	29	6	119	490	116	348	36	84		24
2001	28	6	79	350	112	336	67	136		24
2002	27	6	72	367	108	324	68	127		24
2003	27	6	54	254	81	243	51	100		18
2004	26	7	82	403	104	312	67	145		28
2005	20	9	80	393	80	240	56	129		36

NORTH DAKOTA

	Inspection/Active Mine		Inspection/Inactive		Inspection/Mine	Missing	
	CI	PI	CI	PI		CI	PI
1996	0.00	0.00	0.00	0.00	0.00		
1997	0.00	0.00	0.00	0.00	0.00		
1998	0.00	0.00	0.00	0.00	0.00		
1999	4.00	14.87	7.20	20.80	4.44	16	89
2000	4.10	16.90	6.00	14.00	4.43	15	142
2001	2.82	12.50	11.17	22.67	4.29	10	14
2002	2.67	13.59	11.33	21.17	4.24	8	43
2003	2.00	9.41	8.50	16.67	3.18	6	11
2004	3.15	15.50	9.57	20.71	4.52	17	91
2005	4.00	19.65	6.22	14.33	4.69	20	153
					Total	6	11

WYOMING
Inspectable Units

WYOMING Inspections
Active (required) Inactive (required)

	Active/Temp		Inactive	WYOMING Inspections							
	Inactive			Active		(required)		Inactive		(required)	
				CI	PI	CI	PI	CI	PI	CI	
1996	39		0	1996		156	468			0	
1997	41			1997		164	492			0	
1998	41			1998		164	492			0	
1999	40		0	1999	134	251	160	480	25	52	0
2000	39		0	2000	120	285	156	468	37	86	0
2001	36		0	2001	78	149	144	432	45	65	0
2002	35		0	2002	88	170	140	420	48	72	0
2003	33		2	2003	70	118	99	297	41	58	6
2004	35		0	2004	83	181	140	420	59	70	0
2005	35		0	2005	86	161	140	420	57	78	0

WYOMING

	Inspection/Active Mine		Inspection/Inactive		Inspection/Mine		Missing	
	CI	PI	CI	PI	CI		CI	PI
1996	0.00	0.00	#DIV/0!	#DIV/0!	0.00			
1997	0.00	0.00	#DIV/0!	#DIV/0!	0.00			
1998	0.00	0.00	#DIV/0!	#DIV/0!	0.00			
1999	3.35	6.28	#DIV/0!	#DIV/0!	3.98		-1	-229
2000	3.08	7.31	#DIV/0!	#DIV/0!	4.03		1	-183
2001	2.17	4.14	#DIV/0!	#DIV/0!	3.42		-21	-283
2002	2.51	4.86	#DIV/0!	#DIV/0!	3.89		-4	-250
2003	2.12	3.58	20.50	29.00	3.17		6	-179
2004	2.37	5.17	#DIV/0!	#DIV/0!	4.06		2	-239
2005	2.46	4.60	#DIV/0!	#DIV/0!	4.09		3	-259
						Total	-20	-1622

WEST REGION
Inspectable Units

WEST REGION Inspections

	Active/Temp			Active		(required)		Inactive		(required)	
	Inactive	Inactive		CI	PI	CI	PI	CI	PI	CI	
1996	131	12	1996	0	0	524	1572	0	0	48	
1997	111	35	1997	0	0	444	1332	0	0	140	
1998	142	29	1998	0	0	568	1704	0	0	116	
1999	133	15	1999	318	801	532	1596	83	174	60	
2000	115	29	2000	304	854	460	1380	83	176	116	
2001	113	27	x	2001	482	840	452	1356	155	250	108
2002	113	22	x	2002	355	869	452	1356	215	377	88
2003	99	35		2003	199	477	297	891	134	229	105
2004	107	22	x	2004	355	930	428	1284	235	371	88
2005	100	23	x	2005	366	903	400	1200	183	302	92

x = complete data set

WEST REGION

	Inspection/ Active Mine		Inspection/Inactive		Inspection/Mine		Missing	
	CI	PI	CI	PI	CI	CI	PI	
1996	0.00	0.00	0.00	0.00	0.00	0	0	
1997	0.00	0.00	0.00	0.00	0.00	0	0	
1998	0.00	0.00	0.00	0.00	0.00	0	0	
1999	2.39	6.02	5.53	11.60	2.71	-1	-272	
2000	2.64	7.43	2.86	6.07	2.69	0	-236	
x	2001	4.27	7.43	5.74	9.26	4.55	-21	-530
x	2002	3.14	7.69	9.77	17.14	4.22	-10	-530
	2003	2.01	4.82	3.83	6.54	2.49	9	-234
x	2004	3.32	8.69	10.68	16.86	4.57	0	-445
x	2005	3.66	9.03	7.96	13.13	4.46	-4	-450
						Total	-27	-2697

APPENDIX 4

Inspection and Enforcement

ALL DATA FOR THESE TABLES DERIVED FROM OSM ANNUAL NATIONAL REPORTS 1996 THROUGH 2005

Colorado	Regulatory Employees	Inspectable Units (AKA mines?)	State Complete Inspections (CI)	State Partial Inspections (PI)	Complete + Partial State Inspections (CI+PI)	State Notice of Violations	State Failure-to-Abate Cessation Orders	State Imminent Harm Cessation Order	Federal "Site Visits"
1996	26	60	178	376	554	16	1	0	11
1997	25	62	240	484	724	19	0	0	13
1998	25	62	249	321	570	16	0	0	11
1999	26	58	250	382	632	12	0	0	19
2000	26	56	217	408	625	10	0	0	17
2001	25	56	274	216	490	24	0	0	11
2002	24	66	196	368	564	26	0	0	8
2003	22	52	145	266	411	13	0	0	16
2004	24	51	195	319	514	10	2	0	16
2005	24	50	182	318	500	11	0	0	11
Total			2,126	3,458	5,584	157	3	0	133

Colorado	Federal Notice of Violation	Federal Failure-to-Abate Cessation Order	Federal Imminent Harm Cessation Order	Bond Forfeitures	State NOV/Inspection	State CI/Mine	State PI/Mine	Fed Site Visits/Mine	Inspection/Staff (CI+PI)
1996	0	0	0	2	0.0289	2.97	6.27	0.1833333	21.30769
1997	0	0	0	0	0.0262	3.87	7.81	0.2096774	28.96
1998	0	0	0	0	0.0281	4.02	5.18	0.1774194	22.8
1999	0	0	0	0	0.0190	4.31	6.59	0.3275862	24.30769
2000	1	0	0	0	0.0160	3.88	7.29	0.3035714	24.03846
2001	0	0	0	0	0.0490	4.89	3.86	0.1964286	19.6
2002	0	0	0	0	0.0461	2.97	5.58	0.1212121	23.5
2003	0	0	0	0	0.0316	2.79	5.12	0.3076923	18.68182
2004	0	0	0	0	0.0195	3.82	6.25	0.3137255	21.41667
2005	0	0	0	0	0.0220	3.64	6.36	0.22	20.83333
Total	1	0		2	avg 0.0286	3.72	6.03	0.24	22.54

Montana	Regulatory Employees	Inspectable Units	State Complete Inspections	State Partial Inspections	Complete + Partial State Inspections	State Notice of Violations	State Failure-to-Abate Cessation Orders	State Imminent Harm Cessation Order				
1996	20.9	17	65	84	149	12	0	0				
1997	18.9	18	95	86	181	8	2	0				
1998	17.7	17	77	107	184	16	5	0				
1999	17.5	27	89	197	286	6	0	0				
2000	16.45	16	79	91	170	8	0	0				
2001	16.2	17	88	111	199	12	0	0				
2002	17	17	87	88	175	0	0	0				
2003	16.8	16	75	60	135	5	0	0				
2004	16.7	15	94	106	200	8	0	0				
2005	16.9	15	89	80	169	3	0	0				
Total			838	1010	1848	78	7	0				

Montana	Federal "Site Visits"	Federal Notice of Violation	Federal Failure-to-Abate Cessation Order	Federal Imminent Harm Cessation Order	Bond Forfeitures	State NOV/Inspection	State CI/Mine	State PI/ Mine	Fed Site Visits/ Mine	Inspection/ Staff (CI+PI)
1996	20	0	0	0	0	0.0805	3.82	4.94	1.176471	7.129187
1997	22	0	0	0	0	0.0442	5.28	4.78	1.222222	9.57672
1998	28	0	0	0	1	0.0870	4.53	6.29	1.647059	10.39548
1999	15	0	0	0	0	0.0210	3.30	7.30	0.555556	16.34286
2000	14	0	0	0	0	0.0471	4.94	5.69	0.875	10.33435
2001	14	0	0	0	0	0.0603	5.18	6.53	0.823529	12.28395
2002	4	0	0	0	0	0.0000	5.12	5.18	0.235294	10.29412
2003	5	0	0	0	0	0.0370	4.69	3.75	0.3125	8.035714
2004	4	0	0	0	0	0.0400	6.27	7.07	0.266667	11.97605
2005	5	0	0	0	0	0.0178	5.93	5.33	0.333333	10
Total	131	0	0	0	1	avg 0.0435	4.90	5.69	0.74	10.64

New Mexico	Regulatory Employees	Inspectable Units	State Complete Inspections	State Partial Inspections	Complete + Partial State Inspections	State Notice of Violations	State Failure-to-Abate Cessation Orders	State Imminent Harm Cessation Order
1996	13.8	15	50	80	130	3	0	0
1997	13.8	15	60	123	183	6	0	0
1998	10.75	15	60	120	180	6	0	0
1999	9	15	60	180	240	6	0	0
2000	10	15	60	120	180	3	0	0
2001	10.5	15	60	120	180	4	0	0
2002	10.5	15	56	124	180	0	0	0
2003	10.5	13	52	104	156	0	0	0
2004	12.5	11	50	125	175	2	0	0
2005	12.5	9	32	85	117	1	0	0
Total			540	1181	1721	31	0	0

New Mexico	Federal "Site Visits"	Federal Notice of Violation	Federal Failure-to-Abate Cessation Order	Federal Imminent Harm Cessation Order	Bond Forfeitures	State NOV/Inspection	State CI/Mine	State PI/Mine	Fed Site Visits/Mine	Inspection/Staff (CI+PI)
1996	12	0	0	0	0	0.0231	3.33	5.33	0.8	9.42029
1997	2	0	0	0	0	0.0328	4.00	8.20	0.133333	13.26087
1998	10	0	0	0	0	0.0333	4.00	8.00	0.666667	16.74419
1999	9	0	0	0	0	0.0250	4.00	12.00	0.6	26.66667
2000	0	0	0	0	0	0.0167	4.00	8.00	0	18
2001	5	0	0	0	0	0.0222	4.00	8.00	0.333333	17.14286
2002	1	0	0	0	NA	0.0000	3.73	8.27	0.066667	17.14286
2003	4	0	0	0	0	0.0000	4.00	8.00	0.307692	14.85714
2004	4	0	0	0	0	0.0114	4.55	11.36	0.363636	14
2005	2	0	0	0	0	0.0085	3.56	9.44	0.222222	9.36
Total	49	0	0	0	0	0.0173 avg	3.92	8.66	0.35	15.66

North Dakota	Regulatory Employees	Inspectable Units	State Complete Inspections	State Partial Inspections	Complete + Partial State Inspections	State Notice of Violations	State Failure-to-Abate Cessation Orders	State Imminent Harm Cessation Order					
1996	9.7	46	134	451	585	0	0	0					
1997	9.7	46	193	675	868	2	0	0					
1998	8.9	42	179	692	871	0	0	0					
1999	8.85	39	164	565	729	2	0	0					
2000	8.9	37	158	574	732	1	0	0					
2001	8.75	36	146	486	632	1	0	0					
2002	8.75	35	140	494	634	0	0	0					
2003	8.7	35	105	354	459	2	0	0					
2004	8.7	35	148	548	696	1	0	0					
2005	8.7	34	136	522	658	0	0	0					
Total		385	1503	5361	6864	9	0	0					
North Dakota	Federal "Site Visits"	Federal Notice of Violation	Federal Failure-to-Abate Cessation Order	Federal Imminent Harm Cessation Order	Bond Forfeitures		State NOV/Inspection	State CI/Mine	State PI/Mine	Fed Site Visits/Mine	Inspection/Staff (CI+PI)	Inspections per NOV	
1996	7	0	0	0	0		0.0000	2.91	9.80	0.152	60.309278	762.666667	
1997	30	0	0	0	0		0.0023	4.20	14.67	0.652	89.484536		
1998	13	0	0	0	0		0.0000	4.26	16.48	0.31	97.865169		
1999	16	0	0	0	0		0.0027	4.21	14.49	0.41	82.372881		
2000	11	0	0	0	0		0.0014	4.27	15.51	0.297	82.247191		
2001	15	0	0	0	0		0.0016	4.06	13.50	0.417	72.228571		
2002	2	0	0	0	0		0.0000	4.00	14.11	0.057	72.457143		
2003	1	0	0	0	0		0.0044	3.00	10.11	0.029	52.758621		
2004	9	0	0	0	0		0.0014	4.23	15.66	0.257	80		
2005	9	0	0	0	0		0.0000	4.00	15.35	0.265	75.632184		
Total	113	0	0	0	0	avg	0.0014	3.91	13.97	0.28	76.54		

Wyoming	Regulatory Employees	Inspectable Units	State Complete Inspections	State Partial Inspections	Complete + Partial State Inspections	State Notice of Violations	State Failure-to-Abate Cessation Orders	State Imminent Harm Cessation Order
1996	30.2	38	117	228	345	10	0	0
1997	30.2	38	145	276	421	16	2	0
1998	30	41	156	314	470	24	0	0
1999	31	40	159	303	462	16	0	0
2000	29	39	157	371	528	8	0	0
2001	28.98	36	123	214	337	15	0	0
2002	28.98	35	132	243	375	10	0	0
2003	21.59	35	111	176	287	7	0	0
2004	28.89	35	142	251	393	7	0	0
2005	28.05	35	143	239	382	5	0	0
Total		372	1385	2615	4000	118	2	0

Federal "Site Visits"	Federal Notice of Violation	Federal Failure-to-Abate Cessation Order	Federal Imminent Harm Cessation Order	Bond Forfeitures	State NOV/ Inspection	State CI/ Mine	State PI/ Mine	Fed Site Visits/ Mine	Inspection/ Staff (CI+PI)
4	0	0	0	0	0.0290	3.08	6.00	0.105	11.423841
14	0	0	0	0	0.0380	3.82	7.26	0.368	13.940397
13	0	0	0	0	0.0511	3.80	7.66	0.317	15.666667
10	2	0	0	0	0.0346	3.98	7.58	0.25	14.903226
14	1	0	0	1	0.0152	4.03	9.51	0.359	18.206897
11	0	0	0	0	0.0445	3.42	5.94	0.306	11.628709
13	0	0	0	0	0.0267	3.77	6.94	0.371	12.939959
17	0	0	0	0	0.0244	3.17	5.03	0.486	13.293191
20	0	0	0	0	0.0178	4.06	7.17	0.571	13.603323
7	0	0	0	0	0.0131	4.09	6.83	0.2	13.618538
123	3	0	0	1 avg	0.0294	3.72	6.99	0.33	13.92

West Totals	Regulatory Employees	Inspectable Units	State Complete Inspections	State Partial Inspections	Complete + Partial State Inspections	State Notice of Violations	State Failure-to-Abate Cessation Orders	State Imminent Harm Cessation Order
1996	100.6	176	544	1,219	1,763	41	1	0
1997	97.6	179	733	1,644	2,377	51	4	0
1998	92.4	177	721	1,554	2,275	62	5	0
1999	92.4	179	722	1,627	2,349	42	0	0
2000	90.4	163	671	1,564	2,235	30	0	0
2001	89.4	160	691	1,147	1,838	56	0	0
2002	89.2	168	611	1,317	1,928	36	0	0
2003	79.6	151	488	960	1,448	27	0	0
2004	90.8	147	629	1,349	1,978	28	2	0
2005	90.2	143	582	1,244	1,826	20	0	0
Total		1643	6392	13625	20017	393	12	0

West Totals	Federal "Site Visits"	Federal Notice of Violation	Federal Failure-to-Abate Cessation Order	Federal Imminent Harm Cessation Order	Bond Forfeitures	State NOV/ Inspection	State CI/ Mine	State PI/ Mine	Fed Site Visits/ Mine	Inspection/ Staff (CI+PI)	State NOVs/ Inspection (excluding ND)	Inspections per NOV (excluding ND)
1996	54	0	0	0	2	0.0233	3.09	6.93	0.307	17.524851	0.04037005	28.7317073
1997	81	0	0	0	0	0.0215	4.09	9.18	0.453	24.354508	0.03530841	30.7959184
1998	75	0	0	0	1	0.0273	4.07	8.78	0.424	24.634543	0.04985597	22.6451613
1999	69	2	0	0	0	0.0179	4.03	9.09	0.385	25.435842	0.0248996	40.5
2000	56	2	0	0	1	0.0134	4.12	9.60	0.344	24.737133	0.02371925	51.8275862
2001	56	0	0	0	0	0.0305	4.32	7.17	0.35	20.552387	0.04400343	21.9272727
2002	28	0	0	0	#VALUE!	0.0187	3.64	7.84	0.167	21.607083	0.01819149	35.9444444
2003	43	0	0	0	0	0.0186	3.23	6.36	0.285	18.19324	0.02326436	39.56
2004	53	0	0	0	0	0.0142	4.28	9.18	0.361	21.78654	0.02217388	47.4814815
2005	34	0	0	0	0	0.0110	4.07	8.70	0.238	20.25513	0.01534687	58.4
Total	549	4	0	0	#VALUE! avg	0.0196	3.89	8.28	0.33	21.91	0.02971	37.7814

APPENDIX 5

Federal Statistics

Federal Regulatory Grants by State by Year**Data from OSM annual national reports**

<u>YEAR</u>	Colorado	Montana	New Mexico	North Dakota	Wyoming	West Total
1996	1,569,053	859,756	676,832	509,983	1,492,750	5,108,374
1997	1,571,274	860,973	673,287	487,783	1,494,863	5,088,180
1998	1,633,954	895,318	637,699	500,207	1,494,863	5,162,041
1999	1,609,340	890,483	593,976	473,539	1,511,005	5,078,343
2000	1,640,906	906,905	610,627	466,725	1,607,101	5,232,264
2001	1,846,452	961,707	689,035	486,822	1,952,811	5,936,827
2002	1,885,631	957,649	743,966	421,240	2,023,230	6,031,716
2003	1,930,677	1,018,122	728,439	486,543	2,038,607	6,202,388
2004	1,954,760	1,030,822	737,526	501,824	2,120,036	6,344,968
2005	1,954,760	1,050,741	737,526	501,284	2,120,036	6,364,347
Total	17,596,807	9,432,476	6,828,913	4,835,950	17,855,302	

Federal Regulatory Grants by State by Year (adjusted for inflation)**Data from OSM annual national reports**

<u>YEAR</u>	Colorado	Montana	New Mexico	North Dakota	Wyoming	West Total
1996	1,731,498	948,767	746,905	562,782	1,647,295	5,637,246
1997	1,706,279	934,948	731,136	529,694	1,623,303	5,525,360
1998	1,737,463	952,036	678,097	531,895	1,589,561	5,489,051
1999	1,644,109	909,721	606,808	483,770	1,543,649	5,188,057
2000	1,613,302	891,649	600,355	458,874	1,580,066	5,144,246
2001	1,777,584	925,838	663,336	468,665	1,879,976	5,715,398
2002	1,752,905	890,242	691,600	391,590	1,880,819	5,607,155
2003	1,742,505	918,892	657,442	439,122	1,839,916	5,597,877
2004	1,691,506	891,998	638,201	434,242	1,834,524	5,490,470
2005	1,606,369	863,470	606,079	411,942	1,742,188	5,230,047
Total	17,003,520	9,127,560	6,619,958	4,712,573	17,161,296	

**Federal “Environmental Protection” Budget
Data from OSM annual national reports**

<u>YEAR</u>	Appropriated	Adjusted for inflation
1996		
1997	21,977,000	24,252,289
1998	18,983,000	20,614,034
1999	19,284,000	20,505,622
2000	19,792,404	20,220,007
2001	20,884,396	20,533,075
2002	21,168,965	20,379,415
2003	21,443,704	19,934,321
2004	22,028,299	19,881,328
2005	22,983,351	19,888,108
Total	188,545,119	186,208,200

Federal “Tech Transfer” Budget

Appropriated	Adjusted for inflation
9,634,000	10,631,413
11,211,000	12,174,258
11,050,000	11,750,007
11,746,031	11,999,797
11,984,244	11,782,643
12,549,616	12,081,547
12,511,146	11,630,510
12,386,908	11,179,628
13,299,632	11,508,527
106,372,577	104,738,327

17.99

**Federal State Program Evaluation Budget
Data from OSM budget justifications**

<u>YEAR</u>	FTEs
1996	
1997	
1998	
1999	
2000	91
2001	84
2002	84
2003	80
2004	80
2005	82
2006	79
	requested
2007	85
2008	84