

APPENDIX A
SUPPORTING FIGURES AND TABLES

Table A-1
Coal Mine-related Disturbance in the Wyoming PRB Study Area
(based on GIS)

Area	Disturbance (acreage as of end 2003)
Disturbance by Subregion	
Subregion 1	8,968
Subregion 2	14,628
Subregion 3	27,511
Total	51,107
Disturbance by Subwatershed	
Little Powder River	8,018
Antelope Creek	13,785
Upper Cheyenne River	13,726
Upper Belle Fourche River	15,578
Total	51,107

**Table A-3
Wyoming PRB Coal Development by Subregion
Impact-causing Parameters under the Upper Production Scenario
(based on database)**

Subregion	Annual Production for Most Recent Report Year (million tons)	Cumulative Disturbed Area for Year (acres)	Cumulative Permanently Reclaimed Areas through Most Recent Report Year(acres)	Cumulative Unreclaimed Areas Available for Reclamation through Most Recent Report Year (acres)	Cumulative Unreclaimed Areas Unavailable for Reclamation through Most Recent Report Year (acres)	Total Employment for Report Year	Annual Water Consumption (mmgpy)	Annual Water Production (acre-feet)
Past and Present (2003)								
Subregion 1	55	12,047	3,054	3,360	5,633	746	387	586
Subregion 2	77	21,249	6,783	6,107	8,359	861	544	1,373
Subregion 3	232	35,498	11,401	13,992	10,105	3,090	1,709	2,295
Total for Past and Present	364	68,794	21,238	23,459	24,097	4,697	2,640	4,254
Reasonably Foreseeable Development (2010)								
Subregion 1	78	34,520	5,404	10,592	18,524	811	570	505
Subregion 2	117	58,116	12,983	20,513	24,620	1,375	807	2,072
Subregion 3	284	107,103	27,951	44,109	35,043	3,153	2,101	4,354
Total for 2010	479	199,739	46,338	75,215	78,187	5,339	3,478	6,931
Reasonably Foreseeable Development (2015)								
Subregion 1	104	47,521	7,329	14,482	25,710	905	785	505
Subregion 2	138	80,416	18,183	28,259	33,974	1,431	952	2,072
Subregion 3	301	149,584	39,451	60,306	49,827	3,186	1,834	4,354
Total for 2015	543	277,521	64,963	103,047	109,511	5,522	3,571	6,931
Reasonably Foreseeable Development (2020)								
Subregion 1	121	61,288	9,529	18,566	33,193	1,019	935	505
Subregion 2	148	104,873	24,583	36,393	43,897	1,444	1,018	2,072
Subregion 3	307	194,933	51,651	77,314	65,968	3,215	2,279	4,354
Total for 2020	576	361,094	85,763	132,273	143,058	5,678	4,232	6,931

