

**CHAPTER 1 ERRATA**

Page No./Paragraph/Line	Errata
1-3 Last 6	The sentence should read: "Mining activities at Belle Ayr Mine will bypass the Belle Ayr 2000 Tract within the next two years. "(Insert space between 2000 and tract.)

**CHAPTER 2 ERRATA**

Page No./Paragraph/Line	Errata
2-5 5 4	Insert after first sentence: Coal production volumes are currently below the 14.9 mmtpy produced in 2000. Belle Ayr estimates that the maximum production rate at which coal would be removed from the Belle Ayr 2000 Tract would be 10.2 mmtpy.

**CHAPTER 3 ERRATA**

Page No./Paragraph/Line(s)	Errata
3-6 2	Regional groundwater movement in the coal seams is primarily to the north and west with little vertical movement.
3-8 5 1	The sentence should read: "Total dissolved solids (TDS) in Caballo Creek is high." (Insert space between TDS and in.)

Page No./Paragraph/Line(s)	Errata
3-13 Last 5-6	Combine last two sentences to read: "The vegetation inventory is presented in Appendix 2.8-1 of WDEQ Permit to Mine #214 and the vegetation types and sample locations are given on Map 2.8-1." This clarifies that Map 2.8-1 is part of WDEQ Permit #214.
3-18 3 1	Delete space between last word in sentence and period.
3-18 4 and 5	Insert line after sentence ending "...2 to 16 young," to separate paragraphs 4 and 5.
3-18 6 3-5	The sentence should read: "Because Swainson's hawks prey primarily on rodents, the recent decline in lagomorph populations probably has influenced that species' breeding success."
3-20 5 1	<p>Replace Section 3.10.7 with the following:</p> <p><b>Section 3.10.7 FISHES AND AMPHIBIANS</b></p> <p>"Draw No. 2, an ephemeral drainage, is the only potential body of water located on the Belle Ayr 2000 Tract. The drainage is not known to support persistent pools following rain events, so fish are highly unlikely to occur there. No incidental observations of fish were ever recorded during surveys for other fauna in the vicinity of Draw No. 2. Any aquatic habitat present in Draw No. 2 is limited in quantity, and is similar to habitat available elsewhere on the permit area and surrounding perimeter."</p>

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	<p>“Three amphibians have been recorded on the Belle Ayr permit area, the boreal chorus frog (<i>Pseudacris triseriata maculata</i>), Northern leopard frog (<i>Rana pipiens</i>), and the Tiger salamander (<i>Ambystoma tigrinum</i> ). The boreal chorus frog is heard throughout the permit area and surrounding perimeter throughout early spring and summer. Occurrences of all three species at the Belle Ayr Mine have been limited to larger, more persistent water bodies such as native and reclaimed reaches of Caballo Creek. Two other amphibian species common to Campbell County include the Plains spadefoot toad (<i>Scaphiopus bombifrons</i>) and the Great Plains toad (<i>Bufo cognatus</i>). Neither of these two species has been documented at Belle Ayr Mine.”</p>
<p>3-21 5 4</p>	<p>The sentence should read: “In mid-June, biologists saw one adult flying over the creek.”</p>
<p>3-23 3</p>	<p>Replace paragraph 3 with the following: “Native American tribes that have been identified as potentially having concerns about actions in Northern Wyoming have been contacted with requests to identify potentially significant religious or cultural sites on the LBA Tract. “</p>

**CHAPTER 4 ERRATA**

Page No./Paragraph/Line	Errata
<p>4-4 5 9</p>	<p>The sentence should read: “These plans are in place for the existing <b>Belle Ayr Mine</b> and would be developed for the <b>Belle Ayr 2000 Tract</b> if it is leased.”</p>

Page No./Paragraph/Line	Errata
4-8 6 2-4	The sentence should read: "Monitoring programs used to assess the probable hydrologic consequences of mining by detecting changes in the hydrologic balance are discussed in Sections 2.6 and 5.3 of the permit."
4-20 5 3	The sentence should read: "This would increase the time it would take for the postmining backfill in the area of the Belle Ayr Mine to reach equilibrium water levels and water quality."
4-24	The table has been reformatted so that header words don't wrap around lines. Corrected Table 4-4 is reprinted in this Final EA following this Errata section.
4-31 2 5-8	The sentence should read: "Construction of the proposed railroad line and power plants would not impact the geology or mineral resources in the area, so there would be no overlapping impacts related to these projects." (Delete paragraph break in the middle of the last sentence.)
4-38 5 7	Delete sentence 3 in this paragraph and replace with the following: "Using data compiled from ten surface coal mines in the eastern PRB, Martin et al. (1988) concluded that backfill groundwater quality improves markedly after the backfill is leached with one pore volume of water. The same conclusions were reached by Van Voast and Reiten (1988) after analyzing data from the Decker and Colstrip Mine areas in the northern PRB. Postmining groundwaters are therefore expected to be of better quality after one pore volume of water moves through the backfill than what is observed in the backfill today."

Page No./Paragraph/Line	Errata
4-39 2 4-9	These sentences should read: "The major current use of the water from the aquifers being replaced by the spoils (the Wasatch and Wyodak Coal aquifers) is for livestock because these aquifers are typically high in dissolved solids in their premining state (Martin, et al. 1988). According to monitoring data published by GAGMO (Hydro-Engineering 1991a, 1991b, 1992, 1993, 1994, 1995, 1996b, 1997, 1998, 1999, TDS values in backfill wells have ranged from 400 to 25,000 mg/l. (Add spaces between sentences.)
4-45 6 1-4	The sentence should read: "Additional discussions of cumulative impacts to wildlife from coal development and industrialization of the eastern Powder River Basin are discussed in BLM regional EIS's for the area (BLM 1974, 1979, 1981, 1984b), and these discussions are incorporated by reference into this EA."

**CHAPTER 6 ERRATA**

Page No./Paragraph/Line	Errata
6-4	Delete the following reference: Houghton, R.L., D.L. Fisher, and G.H. Groenewold, 1987, Hydrogeochemistry of the Upper Part of the Fort Union Group in the Gascoyne Lignite strip-mining area, North Dakota. U.S. Geological Survey Professional Paper 1340. 104 pages.

**Table 4-4  
Coal Production and Development Levels  
Campbell and Converse Counties, Wyoming**

	Coal Production (Million Tons)	Number of Active Coal Mines	Number of Existing Power Plants	Number of Active Coal Enhancement Facilities	Direct Coal Employment	Average Price-NE Wyoming
1979 Predictions for 1990	174.3	15	2	1	3,889	na
1981 Predictions for 1990	318.4	37	3	1	11,900	na
Actual 1990	162.6	18	3	1	2,862	\$6.86
Actual 1994	216.9	19	4	1	3,126	\$5.62
Actual 1995	246.5	19	4	1	3,177	\$5.60
Actual 1996	261.1	18	4	2	3,274	\$5.40
Actual 1997	264.1	18	4	2	3,164	\$5.03
Actual 1998	297.5	16	4	2	3,348	\$4.73
Actual 1999	319.9	15 <sup>1</sup>	4	2	3,362	\$4.66
Existing Power Plants:	PP&L Dave Johnson, PP&L Wyodak, Black Hills Simpson #1, and Black Hills Simpson #2					
Proposed New Power Plants	NAPG Two Elk, Calpine and Black Hills Wygen #1					
Existing Coal Enhancement:	ENCOAL-Buckskin (inactive), KFx-Fort Union (active), and Wyodak Earthco (active)					

<sup>1</sup> Includes the Dave Johnson Mine, which is not included in Table 4-3.

Sources: 1979 and 1981 BLM Powder River Basin Regional EISs, Wyoming State Geological Survey Geo-notes-1996-99, and Wyoming State Inspector of Mines Annual Reports, 1990-99,