Tables in Section 2.02

Table 1.1	Organizations Supplying Technical and Supplemental Information	2.02-1
Table 1.2	Permits and Licenses	2.02-2

Tables in Section 2.03

Table 1	Organizations Supplying Technical and Supplemental Information	2.03-2
Table 2	Permits and Licenses	2.03-12

Tables in Section 2.04

Table 3	Table deleted by transf	er
	of ownership	
Table 4	Table deleted by TR-67	2.04-2
Table 4A	Average chemical analysis of the coal seams	2.04-11f
Table 5	Sulfur form analysis	
Table 5A	Hydraulic conductivity data for the Allen, Apache, and Maxwell	
Table O	seams and surrounding rocks	0.04.44
Table 6	Lithologic descriptions for the Refuse Disposal Area	2.04-14
Table 7	Joint orientation for the refuse disposal area	2.04-17
Table 8	Results of 2010 Packer Testing Program	2.04-18
Table 9	Completion Summary for 2010 monitoring wells	2.04-18
Table 10	Ground water user inventory	2.04-20
Table 10A	New Elk Mine NPDES monitoring data-September 2009	2.04-25
Table 10B	Average monthly flow rates for the Purgatoire River at Madrid, CO (USGS data)	2.04-25
Table 10C	Existing water rights in the permit and adjacent areas	2.04-25b
Table 11	summary of ground water users/access points within one mile o the permit boundary	f 2.04-23
Table 12	Summary of field spring and seep inventory	2.05-26
Table 13	Climate data- Trinidad, Colorado	2.05-34
Table 14	Climate data- North Lake, Colorado	2.04-35
Table 15	Soil Analysis results for the RDA	2.04-38
Table 16	Suitability Criteria for topsoil	2.04-39
Table 17	Results of soil analysis for the RDA	2.04-41

Tables is Section 2.05

Table 18	Mining equipment list	2.05-2
Table 18a	Reclamation bond comparison with temporary stockpile relocation	
	cost	
Table 19	Surface facilities list	2.05-11

Table 20	Ditch Data	2.05-25
Table 21	Culvert Sizing	2.05-28
Table 22	Culvert nomograph (now Figure 23 in Figures section at end of section 2.05)	N/A
Table 23	Sediment pond dimensions	2.05-31
Table 24	Soil balance for the refuse area	2.05-36
Table 25A	Soil test parameters	2.05-58
Table 24B	Criteria to establish overburden suitability	2.05-58
Table 26	Rangeland seed mix	2.05-62
Table 26A	Comparison of New Elk Slurry Water Quality with Water Quality Standards (Now Figure 20 in Figures section at the end of section 2.05)	2.05-99
Table 26B	Projections of the flooded workings water quality following recycling of thickener water for key constituents (now Figure 21 in Figures section at the end of section 2.05)	2.05-101
Table 26C	Impacts to the Middle Fork of the Purgatoire River from discharges from the flooded workings (now Figure 22 in Figures section at the end of section 2.05)	N/A
Table 27	Hydrology Monitoring Frequency Requirements	2.05-105
Table 28	Water Quality Analysis Parameters	2.05-106
Table 29	Parameters of Column Leach tests	2.05-79
Table 30	Leaching data for coal refuse	2.05-81
Table 31	Results of chemical analysis	2.05-83
Table 32	Time variation of quality of effluent from backfill channel	2.05-87
Table 33	Effect of backfill quality of alluvial groundwater	2.05-90

Figure table of contents for tables in section 2.05 is the last page of Section 2.05 and figures follow in order of figure number

5

List of Maps

Mon	Title	Data an Man	Approved With
Map 1	Surface Ownership	Date on Map 10/15/2014	Approved With TR-68
2	Coal Ownership	10/15/2014	TR-68
2	2019 Mine Plan	4/10/2019	RN-07
3 3c	Slope Bottom Area Apache Seam	7/7/2010	MR-93
4	Pre-Mine Land Use		IVIN-93
4 5		9/1/1989 6/1/2011	PR-02
6	Geology Surficial and Bedrock Geology	9/10/1986	F K-02
6a Sheet		5/25/2011	PR-02
6a Sheet		5/25/2011	PR-02 PR-02
6a Sheet		5/25/2011	PR-02 PR-02
	•		PR-02 PR-02
		5/25/2011 5/25/2011	PR-02 PR-02
			PR-02 PR-02
6a Sheet		5/25/2011	PR-02 PR-02
6a Sheet		5/25/2011	PR-02 PR-02
6a Sheet	· · · · · · · · · · · · · · · · · · ·	5/25/2011	
6a Sheet		5/25/2011	PR-02 PR-02
6a Sheet		5/25/2011	
6a Sheet		5/25/2011	PR-02
6a Sheet		5/25/2011	PR-02
6a Sheet		5/25/2011	PR-02
6a Sheet		5/25/2011	PR-02
6a Sheet	•	5/25/2011	PR-02
6a Sheet	•	1/7/2011	PR-02
7	Cross sections – coal seams	1/12/2011	PR-02
8	Regional Hydrology	5/10/2012	MR-116
9	Soils	3/19/1987	
10 11 Chaot	Vegetation Map	10/15/2014	TR-68
11 Sheet		8/21/2013	TR-68
11 Sheet		8/6/2013	TR-68
11 Sheet		8/21/2013	TR-68
11 Sheet	1	4/16/2020	TR-75
11a	Apache Canyon Airshafts	3/28/2009	TR-50
12	West Portal Area Roads, Utilities and Facilities	7/25/2012	TR-65
13	East Portal Sediment and Surface Water Control Plan	4/10/2019	RN-07
13a	Sediment and Surface Water Control Silo Area	3/25/2011	TR-55
13b	Post-Mine Topography Drainage Basins	10/23/1997	
14	West Portal Sediment and Surface Water Control Plan Surface Disturbance/Post Mining Land Use East	7/31/2013	TR-68
15	Facilities	8/22/2014	TR-68
16	Surface Disturbance/Post Mining Land Use West Portal	8/9/2009	TR-51
17	Post Mining Topography and Cross Sections	3/12/1998	TR-41
17a	Water Tank Post-Mine Topography	9/1/1998	
18	Apache Canyon, Ciruela Surficial Geology	10/8/1985	

 19 20 Sheet 1 20 Sheet 2 20 Sheet 3 21 22 23 24 	,	10/9/1985 4/20/2012 4/20/2011 4/20/2011 10/14/1985 7/5/1982 10/18/2013 3/22/1995	MR-114 TR-56 TR-56 TR-41 TR-68 MR-77
24	Refuse Area	3/22/1995	MR-77
25	Typical Drill Pad Sedimentation Control	2/13/2012	MR-107

List of Exhibits

Exhibit	1	Permit Transference Information	Volume 1
Exhibit	2	Acceptance of Notice of Intent to Conduct Coal Exploration	Volume 1
Exhibit	3	Certificate of Insurance	Volume 1
Exhibit	4	Proof of Publication	Volume 1
Exhibit	5	Las Animas County Correspondence	Volume 1
Exhibit	6	Productivity Information	Volume 1
Exhibit	7	Archeological Information	Volume 1
Exhibit	8	Hydrology and Geology	
Exhibit	9	Overburden and Underburden Analysis	Volume 1
Exhibit		Water Quality Analysis	
Exhibit	11	Water Well Information	Volume 2
Exhibit	12	Annual Hydrology Information	Volume 2
Exhibit	13	Climatological Information	Volume 2
Exhibit		Soils Information	
Exhibit		Vegetation Information	
Exhibit		Fish and Wildlife Information	
Exhibit		Prime Farmland Exclusion	
Exhibit		Sewage Treatment Plant Design	
Exhibit	19	Sediment Design Specifications	Volume 2
Exhibit		Refuse Pond Design and Certification	
Exhibit	21	Supporting Information for Permanent Diversion of River	Volume 3
Exhibit	22	NPDES Permit	Volume 3
		Air Emission Permit	
		Subsidence Control Plan	
Exhibit	25	Deleted by MR-79	Volume 3
		Blasting Plan	
Exhibit	27	Spill Prevention Control and Countermeasure Plan	Volume 3
Exhibit	28	Bond Calculations	Volume 3
		Rill and Gulley Plan	
		Geotechnical Study-Coal Processing Waster Bank	
Exhibit	31	Technical/Minor Revision Approvals	Volume 4
Exhibit	32	Certifications	Volume 4
Exhibit	33	Ownership and Control Information	Volume 4
Exhibit	34	Right of Entry	Volume 4

Exhibit	35	Trinidad Railway Letter	Volume 4
Exhibit	36	1992 Reclamation Area. Revegetation Success Study	Volume 4
Exhibit	37	Development Waste Disposal Area Design	Volume 4
Exhibit	38	Geotechnical Study-New Elk Mine Site Facilities	Volume 4
Exhibit	39	Development Waste Disposal Areas Stormwater Calculation Summary	Volume 4
Exhibit	40	Jansen Loadout	Volume 4
Exhibit	41	2010 Exploration Program Geophysical Logs	Volume 4
Exhibit	42	List of Strucutres	Volume 4
Exhibit	43	Design Recommendations for the West Portal DWDA (DWDA#3)	Volume 4

Extra Sheet

New Elk Coal Company assumed the New Elk permit application #C-1981-012 in 2009. To that end, any commitment by previous permittees, Wyoming Fuel, Basin Resources, or Picketwire Processing LLC are assumed by New Elk Coal Company. All permit maps identifying characteristics and resources of the Golden Eagle mine area provided as supplemental information only. New Elk Coal is also the permittee of the Golden Eagle Mine, #C-1981-013.