

Table 1.4.1 Ownership and Control***List of entities and individuals own/controlling company*****Knight Hawk Holdings, LLC**

Company/Individual	Tax ID/SSN (Optional)	Position/Title, Ownership Type	Extended Desc.	% Ownership	Begin Date	End Date
CBR Investments, LLC	61-1619735	Owner		51%	12/31/2010	10/1/2019
CBR Investments, LLC	61-1619735	Owner		52%	10/1/2019	12/31/2020
CBR Investments, LLC	61-1619735	Owner		50.5%	12/31/2020	Current
Prairie Holdings, Inc.		Owner		49%	12/31/2010	1/20/2017
Meadow Coal Holdings, LLC	81-5063268	Owner		49%	1/20/2017	10/1/2019
Meadow Coal Holdings, LLC	81-5063268	Owner		48%	10/1/2019	12/31/2020
Meadow Coal Holdings, LLC	81-5063268	Owner		49.5%	12/31/2020	11/18/2021
CBR Investments II, LLC		Owner		49.5%	11/18/2021	Current
Carter, Steve A.		President		NA	6/28/2010	1/1/2021
Carter, Joshua J.		Vice President		NA	6/28/2010	Current
Smith, James M.		Vice President		NA	6/28/2010	1/1/2021
Smith, James M.		President		NA	1/1/2021	Current
Cox, Duffie		Controller		NA	6/28/2010	11/29/2016
Carter, Andrew		Vice President		NA	11/29/2016	Current
Hasenstab II, Thomas J.		Vice President		NA	1/1/2021	Current

Table 1.4.1 Ownership and Control

List of entities and individuals own/controlling company

CBR Investments, LLC

Company/Individual	Tax ID/SSN (Optional)	Position/Title, Ownership Type	Extended Desc.	% Ownership	Begin Date	End Date
Carter, Steve A. Revocable Trust*		Former Owner		13%	5/16/2003	12/31/2016
Carter, Steve A. Family Trust**		Former Owner		38%	5/16/2003	12/31/2016
Carter, Steve A. Family Trust**		Owner		50.0%	12/31/2016	43739
Carter, Steve A. Family Trust**		Owner		46%	10/1/2019	Current
Robertson, Franklin D.		Former Owner		25%	5/16/2003	12/31/2006
Robertson LP I Trust		Owner		25%	12/31/2006	10/1/2019
Robertson LP I Trust		Owner		23.0%	10/1/2019	Current
Bunn, James O.		Owner		15.0%	5/16/2003	43739
Bunn, James O.		Owner		13.8%	10/1/2019	Current
Bunn II, James O.		Owner		10.0%	5/16/2003	43739
Bunn II, James O.		Owner		9.2%	10/1/2019	Current
Spring Mill Southern Illinois Holdings, Inc		Owner		8.0%	10/1/2019	Current

*Steve A. Carter, Trustee of "The Steve A. Carter Revocable Trust"

**Joshua J. Carter and Andrew W. Carter, Trustees of "The Steve A. Carter Family Trust"

CBR Investments II, LLC

****Joshua J. Carter and Andrew W. Carter, Trustees of "The Steve A. Carter Family Trust"**

Table 1.4.1 Ownership and Control
List of entities and individuals own/controlling company
Knight Hawk Coal, LLC

Table 1.4.1 Ownership and Control
List of entities and individuals own/controlling company
Knight Hawk Coal, LLC

Table 1.4.1 Ownership and Control
List of entities and individuals own/controlling company
Knight Hawk Coal, LLC

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Table 1.4.1 Ownership and Control***List of entities and individuals own/controlling company*****ICG Illinois, LLC**

Company/Individual	Tax ID/SSN (Optional)	Position/Title, Ownership Type	Extended Desc.	% Ownership	Begin Date	End Date
Knight Hawk Holdings, LLC		Owner		100%	12/31/2020	Current
Carter, Steve A.		President		NA	12/31/2020	1/1/2021
Carter, Joshua J.		Vice President	Operations & Chief Op Officer	NA	12/31/2020	Current
Smith, James M.		Vice President	Fin. & Admin Chief Financial Officer, Controller, Sec.	NA	12/31/2020	1/1/2021
Smith, James M.		President		NA	1/1/2021	Current
Carter, Andrew		Vice President	Chief Marketing Officer	NA	12/31/2020	Current
Hasenstab II, Thomas J.		Vice President	Eng. & Dev.	NA	1/1/2021	Current
Giljum, Matthew C.		Director		NA	12/30/2018	12/31/2020
Lang, Paul A.		Director		NA	6/15/2011	12/31/2020
Lang, Paul A.		President		NA	12/31/2018	12/31/2020
Drexler, John T.		Vice President		NA	6/15/2011	12/31/2020
Drexler, John T.		Treasurer		NA	12/31/2015	12/31/2020
Jones, Robert G.		Director		NA	6/15/2011	12/31/2020
Jones, Robert G.		Secretary		NA	7/15/2015	12/31/2020
Klein, Rosemary L.		Vice President		NA	4/15/2020	12/31/2020
Klein, Rosemary L.		Assistant Secretary		NA	4/15/2020	12/31/2020
Zeigler Jr., John A.		Vice President		NA	6/15/2011	12/31/2020

Table 1.4.1 Ownership and Control***List of entities and individuals own/controlling company******Prairie Coal Company, LLC***

Company/Individual	Tax ID/SSN (Optional)	Position/Title, Ownership Type	Extended Desc.	% Ownership	Begin Date	End Date
Meadow Coal Holdings, LLC		Owner		100%		12/31/2020
Knight Hawk Holdings, LLC		Owner		100%	12/31/2020	Current
Carter, Steve A.		President		NA	12/31/2020	1/1/2021
Carter, Joshua J.		Vice President	Operations & Chief Op Officer	NA	12/31/2020	Current
Smith, James M.		Vice President	Fin. & Admin Chief Financial Officer, Controller, Sec.	NA	12/31/2020	1/1/2021
Smith, James M.		President		NA	1/1/2021	Current
Carter, Andrew		Vice President	Chief Marketing Officer	NA	12/31/2020	Current
Hasenstab II, Thomas J.		Vice President	Eng. & Dev.	NA	1/1/2021	Current
Lang, Paul A.		President/Manager		NA	2/2/2009	12/31/2020
Drexler, John T.		Vice President		NA	2/2/2009	12/31/2020
Drexler, John T.		Treasurer		NA	12/31/2015	12/31/2020
Jones, Robert G.		Secretary/Manager		NA	7/15/2015	12/31/2020
Cochran, Kenneth D.		Manager		NA	9/7/2012	12/31/2020
Jones, Robert G.		Manager		NA	5/31/2011	12/31/2020

Table 1.4.1 Ownership and Control***List of entities and individuals own/controlling company******Illinois Coal Recovery, LLC***

Company/Individual	Tax ID/SSN (Optional)	Position/Title, Ownership Type	Extended Desc.	% Ownership	Begin Date	End Date
Carter, Joshua J.		Owner	Manager	25%	39631	Current
Carter, Andrew W.		Owner		25%	7/2/2008	Current
Bunn II, James O.		Owner		10%	4/14/2008	6/30/2020
Robertson, Brandt		Owner		6.25%	1/1/2009	6/30/2020
Robertson, Tass		Owner		6.25%	1/1/2009	6/30/2020
Robertson, Shane Trust		Owner		6.25%	1/1/2009	6/30/2020
Robertson, Spring Lee		Owner		6.25%	1/1/2009	6/30/2020
Pitman, Rebecca		Owner		7.5%	1/1/2009	6/30/2020
Bunn, Joseph		Owner		7.5%	1/1/2009	6/30/2020
Carter, Steve A. Family Trust*		Owner		50%	7/1/2020	Current

*Joshua J. Carter and Andrew W. Carter, Trustees of "The Steve A. Carter Family Trust"

Table 1.4.1 Ownership and Control***List of entities and individuals own/controlling company******Elk Land Holdings, LLC***

Company/Individual	Tax ID/SSN (Optional)	Position/Title, Ownership Type	Extended Desc.	% Ownership	Begin Date	End Date
Reinhardt, Paul		Owner/Member		33%	10/25/2010	7/1/2017
Robertson, Franklin D.		Owner/Member		17%	10/25/2010	7/1/2017
Carter, Steve A.		Owner/Member		33%	10/25/2010	7/1/2017
Bunn, James O.		Owner/Member		10.00%	10/25/2010	7/1/2017
Bunn II, James O.		Owner/Member		6.67%	10/25/2010	7/1/2017
Carter, Steve A.		Owner/Member		---	5/5/2004	Current
Carter, Steve A.		Owner/Member		50%	7/1/2017	12/31/2020
Carter, Steve A. Revocable Trust*		Owner/Member		50.0%	7/1/2017	Current
Robertson, Franklin D.		Owner/Member		25%	7/1/2017	6/30/2020
Bunn II, James O.		Owner/Member		15%	7/1/2017	6/30/2020
Bunn II, James O.		Owner/Member		10%	7/1/2017	6/30/2020
Carter, Steve A Family Trust**		Owner/Member		50%	7/1/2020	Current

* Steve A. Carter, Trustee of "The Steve A. Carter Revocalbe Trust"

** Joshua J. Carter and Andrew W. Carter, Trustees of "The Steve A. Carter Family Trust"

Table 1.4.1 Ownership and Control***List of entities and individuals own/controlling company*****BC Recovery, LLC**

Company/Individual	Tax ID/SSN (Optional)	Position/Title, Ownership Type	Extended Desc.	% Ownership	Begin Date	End Date
Carter, Steve A.		Owner/Member		50%	12/10/2014	12/31/2020
Carter, Stever A. Revocable Trust *		Owner/Member		50.0%	1/1/2021	Current
Bunn, James O.		Owner/Member		50%	12/10/2014	6/30/2020
Carter, Steve A Family Trust**		Owner/Member		50%	7/1/2020	Current

* Steve A. Carter, Trustee of "The Steve A. Carter Revocalbe Trust"

** Joshua J. Carter and Andrew W. Carter, Trustees of "The Steve A. Carter Family Trust"

Table 1.4.1 Ownership and Control
List of entities and individuals own/controlling company
Old Ed, LLC

List of entities and individuals own/controlling company

Old Ed, LLC

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Table 1.4.1 Ownership and Control*List of entities and individuals own/controlling company**Arch Resources, Inc.*

Company/Individual	Tax ID/SSN (Optional)	Position/Title, Ownership Type	Extended Desc.	% Ownership	Begin Date	End Date
Steven F. Leer		Chairman		NA	4/27/2006	4/24/2014
Steven F. Leer		Director		NA	7/1/1997	4/24/2014
John W. Eaves		Chairman		NA	4/23/2015	10/5/2016
James N. Chapman		Chairman		NA	10/5/2016	4/30/2020
John W. Eaves		President		NA	4/28/2006	4/23/2015
John W. Eaves		Chief Executive Officer		NA	4/26/2012	4/30/2020
John W. Eaves		Executive Board Chairman		NA	4/30/2020	Current
Paul A. Lang		President		NA	4/23/2015	Current
Paul A. Lang		Chief Operating Officer		NA	4/23/2015	4/30/2020
Paul A. Lang		Executive Vice President	Chief Operating Officer	NA	4/26/2012	4/23/2015
Paul A. Lang		Chief Executive Officer		NA	4/30/2020	Current
Paul A. Lang		Director		NA	2/27/2014	10/5/2016
Paul A. Lang		Director		NA	2/27/2020	Current
Wesley M. Taylor		Chairman		NA	4/24/2014	4/23/2015
Wesley M. Taylor		Director		NA	7/28/2005	10/5/2016
Douglas H. Hunt		Director		NA	7/1/1997	10/5/2016
A. Michael Perry		Director		NA	9/28/1998	4/25/2013
Theodore D. Sands		Director		NA	2/25/1999	10/5/2016
John W. Eaves		Director		NA	2/23/2006	Current
David D. Freudenthal		Director		NA	2/23/2011	10/5/2016
Patricia Fry Godley		Director		NA	7/22/2004	42648
Paul T. Hanrahan		Director		NA	6/12/2012	10/5/2016

Table 1.4.1 Ownership and Control*List of entities and individuals own/controlling company**Arch Resources, Inc.*

Company/Individual	Tax ID/SSN (Optional)	Position/Title, Ownership Type	Extended Desc.	% Ownership	Begin Date	End Date
J. Thomas Jones		Director		NA	7/21/2010	10/5/2016
George C. Morris III		Director		NA	3/7/2012	10/5/2016
Peter I. Wold		Director		NA	7/21/2010	10/5/2016
James A. Sabala		Director		NA	2/25/2015	10/5/2016
James N. Chapman		Director		NA	10/5/2016	Current
Patrick J. Bartels, Jr.		Director		NA	10/5/2016	Current
Sherman Edmiston, III		Director		NA	10/5/2016	4/30/2021
Patrick A. Kriegshauser		Director		NA	10/5/2016	Current
Richard A. Navarre		Director		NA	10/5/2016	Current
Scott D. Vogel		Director		NA	10/5/2016	5/2/2019
Jeffrey W. Strobel		Vice President	Business Development and Strategy	NA	10/17/2011	4/24/2014
John T. Drexler		Senior Vice President	Chief Financial Officer	NA	5/1/2008	4/30/2020
John T. Drexler		Senior Vice President	Chief Operating Officer	NA	4/30/2020	Current
Robert G. Jones		Senior Vice President	Law	NA	8/1/2008	10/13/2020
Robert G. Jones		Secretary		NA	10/16/2000	10/13/2020
Robert G. Jones		General Counsel		NA	3/1/2000	10/13/2020
Kenneth D. Cochran		Senior Vice President	Operations	NA	8/9/2012	12/31/2018
John W. Lorson		Vice President	Chief Accounting Officer	NA	4/30/2008	12/31/2015
John W. Lorson		Vice President	Chief Accounting Officer	NA	10/5/2016	Current
Doug Conaway		Vice President	Safety	NA	4/26/2012	12/31/2015
David E. Hartley		Vice President	Chief Information Officer	NA	8/1/2009	42139
Deck Slone		Senior Vice President	Strategy and Public Policy	NA	6/1/2012	Current

Table 1.4.1 Ownership and Control***List of entities and individuals own/controlling company*****Arch Resources, Inc.**

Company/Individual	Tax ID/SSN (Optional)	Position/Title, Ownership Type	Extended Desc.	% Ownership	Begin Date	End Date
John A. Ziegler Jr.		Vice President	Human Resources	NA	4/1/2012	3/3/2014
John A. Ziegler Jr.		Chief Commercial Officer		NA	3/3/2014	1/1/2019
John A. Ziegler Jr.		Senior Vice President	Chief Administrative Officer	NA	1/1/2019	Current
Charles David Steele		Vice President	Tax Planning	NA	4/24/2003	12/31/2015
James E. Florczak		Treasurer		NA	8/17/1998	1/29/2015
Casey Johnson		Director – Internal Audit		NA	4/23/2009	1/8/2015
Allen R. Kelley		Vice President	Enterprise Risk Management	NA	4/26/2012	3/3/2014
Allen R. Kelley		Vice President	Human Resources	NA	3/3/2014	1/1/2019
Jon S. Ploetz		Assistant Corporate Secretary		NA	2/18/2010	7/24/2015
Matthew C. Giljum		Vice President	Finance and Treasurer	NA	1/29/2015	12/31/2015
Matthew C. Giljum		Vice President	Finance and Treasurer	NA	10/5/2016	4/30/2020
Matthew C. Giljum		Senior Vice President	Chief Financial Officer	NA	4/30/2020	Current
Derek A. LaBell		Corporate Officer	Director of Internal Audit	NA	1/8/2015	12/31/2015
James R. Boyd		Director		NA	7/1/1997	2/1/2013
Robert G. Potter		Director		NA	2/22/2001	2/1/2013
David N. Warnecke		Senior Vice President	Marketing and Trading	NA	2/24/2011	1/1/2013
Rosemary L. Kline Klein		Assistant Secretary		NA	10/5/2016	4/30/2021
Rosemary L. Klein		Senior Vice President	Law, General Counsel and Secretary	NA	10/13/2020	Current
Holly Kelly Koeppe		Director		NA	2/28/2019	Current
Paul Demzik		Senior Vice President	Chief Commercial Officer	NA	1/1/2019	Current
Robert Hamill		Director		NA	2/28/2019	4/30/2021

Table 1.4.1 Ownership and Control
List of entities and individuals own/controlling company
Meadow Coal Holdings, LLC

List of entities and individuals own/controlling company

Meadow Coal Holdings, LLC

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Table 1.4.1 Ownership and Control***List of entities and individuals own/controlling company*****Coal River Mining, LLC**

Company/Individual	Tax ID/SSN (Optional)	Position/Title, Ownership Type	Extended Desc.	% Ownership	Begin Date	End Date
Robertson, Franklin D.		Shareholder/Member		25.0%	5/16/2003	5/22/2018
Bunn, James		Shareholder/Member		25.0%	5/16/2003	5/22/2018
Carter, Steve A.		Shareholder/Member		25.0%	5/16/2003	43242
Bunn II, James		Shareholder/Member		25.0%	5/16/2003	5/22/2018
Robertson, LP1 Trust		Shareholder/Member		33.3%	5/22/2018	Current
Bunn II, James		Shareholder/Member		33.3%	5/22/2018	Current
Pitman (Bunn), Rebecca		Shareholder/Member		13.3%	5/22/2018	Current
Bunn, Joseph		Shareholder/Member		13.3%	5/22/2018	Current
Bunn, James		Shareholder/Member		6.7%	5/22/2018	Current

Coal River Mining, LLC sold all permits and assets to Lexington Coal Company, LLC on 5/22/18.**All permits were transferred to Lexington Coal Company, LLC on 10/24/18.**

Table 1.4.1 Ownership and Control***List of entities and individuals own/controlling company*****Coal River Energy, LLC**

Company/Individual	Tax ID/SSN (Optional)	Position/Title, Ownership Type	Extended Desc.	% Ownership	Begin Date	End Date
Robertson, Franklin D.		Shareholder/Member		25%	5/16/2003	5/22/2018
Bunn, James		Shareholder/Member		25%	5/16/2003	5/22/2018
Carter, Steve A.		Shareholder/Member		25%	5/16/2003	5/22/2018
Bunn II, James		Shareholder/Member		25%	5/16/2003	5/22/2018
Robertson, LP1 Trust		Shareholder/Member		33.33%	5/22/2018	Current
Bunn II, James		Shareholder/Member		33.33%	5/22/2018	Current
Pitman (Bunn), Rebecca		Shareholder/Member		13.33%	5/22/2018	Current
Bunn, Joseph		Shareholder/Member		13.33%	5/22/2018	Current
Bunn, James		Shareholder/Member		6.67%	5/22/2018	Current
Coal River Energy, LLC sold all permits and assets Company, LLC on 5/22/2018.						

Table 1.4.1 Ownership and Control***List of entities and individuals own/controlling company*****Coal River Processing, LLC**

Company/Individual	Tax ID/SSN (Optional)	Position/Title, Ownership Type	Extended Desc.	% Ownership	Begin Date	End Date
Robertson, Franklin D.		Shareholder/Member		25%	5/16/2003	5/22/2018
Bunn, James		Shareholder/Member		25%	5/16/2003	5/22/2018
Carter, Steve A.		Shareholder/Member		25%	5/16/2003	5/22/2018
Bunn II, James		Shareholder/Member		25%	5/16/2003	5/22/2018
Robertson, LP1 Trust		Shareholder/Member		33.33%	5/22/2018	Current
Bunn II, James		Shareholder/Member		33.33%	5/22/2018	Current
Pitman (Bunn), Rebecca		Shareholder/Member		13.33%	5/22/2018	Current
Bunn, Joseph		Shareholder/Member		13.33%	5/22/2018	Current
Bunn, James		Shareholder/Member		6.67%	5/22/2018	Current
Coal River Processing, LLC sold all permits and assets to Lexington Coal Company, LLC on 5/22/2018.						