

September 9, 2013

UNITED STATES OF AMERICA  
NUCLEAR REGULATORY COMMISSION

BEFORE THE ATOMIC SAFETY AND LICENSING BOARD

In the Matter of	)	
	)	Docket No. 40-8943-MLA-2
CROW BUTTE RESOURCES, INC.	)	
	)	ASLBP No. 13-926-01-MLA-BD01
(Marsland Expansion Area)	)	

CROW BUTTE RESOURCES' INITIAL MANDATORY DISCLOSURES

Pursuant to 10 C.F.R. § 2.336(d) and the Memorandum and Order (Initial Prehearing Conference and Scheduling Order), dated June 14, 2013, Crow Butte Resources, Inc. ("Crow Butte") hereby submits its initial mandatory disclosures for Contentions 1 and 2. A description by category of all relevant, non-privileged, non-proprietary documents and data compilations in the possession, custody, or control of Crow Butte that are relevant to the admitted contentions and subject to disclosure under the parties' disclosure agreement is provided in Attachment A. A list of proprietary documents that are relevant to the admitted contentions and subject to disclosure under the parties' disclosure agreement is provided in Attachment B.

Respectfully submitted,

/s/ signed electronically by  
Tyson R. Smith  
Winston & Strawn LLP  
101 California Street  
San Francisco, CA 94111

COUNSEL FOR CROW BUTTE  
RESOURCES, INC.

Dated at San Francisco, California  
this 9th day of September 2013

September 9, 2013

UNITED STATES OF AMERICA  
NUCLEAR REGULATORY COMMISSION

BEFORE THE ATOMIC SAFETY AND LICENSING BOARD

In the Matter of	)	
	)	Docket No. 40-8943-MLA-2
CROW BUTTE RESOURCES, INC.	)	
	)	ASLBP No. 13-926-01-MLA-BD01
(Marsland Expansion Area)	)	

CERTIFICATION OF INITIAL MANDATORY DISCLOSURES

I, John Schmuck, do hereby state as follows:

1. I am employed as the Senior Permitting Manager for Cameco Resources. In this role, I have responsibility for Crow Butte's application to the Nuclear Regulatory Commission for a license amendment to authorize operations at the Marsland Expansion Area.
2. A search was conducted of documents, data compilations, and tangible things under the custody and control of the Crow Butte for the types of information specified in 10 C.F.R. § 2.336(a). The search was based on information and documents reasonably available to Crow Butte. The searches encompassed both electronic and paper documents.
2. I hereby certify that to the best of my knowledge, information, and belief all relevant materials required to be disclosed pursuant to 10 C.F.R. § 2.336(a) in the captioned proceeding have been disclosed, and that the disclosures are accurate and complete as of June 30, 2013.

Executed in accord with 10 C.F.R. § 2.304(d),

/s/ John Schmuck  
John Schmuck  
Senior Permitting Manager  
Cameco Resources  
2020 Carey Avenue Suite 600  
Cheyenne, WY 82001

Dated at Cheyenne, Wyoming  
this 9th day of September 2013

UNITED STATES OF AMERICA  
NUCLEAR REGULATORY COMMISSION

BEFORE THE ATOMIC SAFETY AND LICENSING BOARD

In the Matter of	)	
	)	Docket No. 40-8943-MLA-2
CROW BUTTE RESOURCES, INC.	)	
	)	ASLBP No. 13-926-01-MLA-BD01
(Marsland Expansion Area)	)	

CERTIFICATE OF SERVICE

I hereby certify that copies of “CROW BUTTE RESOURCES’ INITIAL MANDATORY DISCLOSURES” in the captioned proceeding have been served via the Electronic Information Exchange (“EIE”) this 9th day of September 2013, which to the best of my knowledge resulted in transmittal of the foregoing to those on the EIE Service List for the captioned proceeding.

/s/ signed electronically by \_\_\_\_\_  
Tyson R. Smith  
Winston & Strawn LLP  
101 California Street  
San Francisco, CA 94111

COUNSEL FOR CROW BUTTE  
RESOURCES, INC.

Crow Butte Resources, Inc.  
Marsland - Public Disclosures  
Initial Disclosures - September 9, 2013

BEGPROD	Contention	AUTHOR	TO	OTHER RECIPIENTS	DATE	SUBJECT
MEA-000001	Contention 1	Cameco			11/18/2010	Arcadis Cultural Kickoff meeting agenda
				Cameco Resources, Nebraska Department of Environmental Quality, Nuclear Regulatory Commission, Nebraska State Historical Society		
MEA-000002	Contention 1	Natalie Graves	Terry Steinacher		4/28/2011	Neb SHPO Concurrence
MEA-000003	Contention 1	Cameco			10/25/2011	Draft Cameco Tribal Letter
MEA-000004	Contention 1	Cameco			8/17/2011	Cameco Resources Crow Butte Operation Map
MEA-000005	Contention 1	USGS			8/17/2011	The National Map Viewer.pdf
MEA-000006	Contention 1; Contention 2	Arcadis			7/31/2012	Marsland Figure 3.pdf
MEA-000007	Contention 1; Contention 2	Arcadis			7/31/2012	Marsland Figure 1.pdf
MEA-000008	Contention 1	Cameco			10/4/2012	Crow Butte Visitation Proposal
MEA-000009	Contention 1	Cameco			4/6/2011	Regulatory Contact Report NRC
MEA-000011	Contention 1	Cameco			8/17/2011	Cameco Resources Crow Butte Operation Map.docx
MEA-000012	Contention 1	Cameco	Kevin Hsueh, NRC		8/30/2011	Cover Letter and SRI Foundation Proposal re Section 106.pdf
MEA-000013	Contention 1	nickenspr@aol.com	nathan.goodman@nrc.gov; jean.trefethen@nrc.gov	John Schmuck ; azeitoun@scainc.com ; dschneider@scainc.com	12/2/2012	CBR Fieldwork
MEA-000014	Contention 1	SRI Foundation			3/5/2012	Summary of SRIF-Tribal Communications to 03-02-12.pdf

Crow Butte Resources, Inc.  
 Marsland - Public Disclosures  
 Initial Disclosures - September 9, 2013

MEA-000015	Contention 1	Martha Graham, SRI Foundation	nsn.gov, donnarate.peterse n@cheyenneriversi ouxtribe-nsn.gov, wandawells@midst atesd.net, daleoh@crowratio ns.net, wjferrisiii@yahoo.c om, jb.weston@fsst.org , cultres@nemontel. net, lowersioux@mnhs. org, narapahothpo_200 9@ymail.com, conrad.fisher@che yennenation.com, ostnrrapro@gwtc.n et, ghamilton@poncat ribe-ne.org, garyr@pncatribe- ne.org, rstthpo@yahoo.co m, rstthpo@yahoo.co m,	inthewoods@lakotan etwork.com, lsebastian@srifounda tion.org, Richard Blubaugh, Haimanot Yilma, John Schmuck, Nathan Goodman	1/10/2012	February 14-15, 201, Meeting on the Dewey-Burdock and Crow Butte Projects.pdf
------------	--------------	----------------------------------	--	--	-----------	---

Crow Butte Resources, Inc.  
Marsland - Public Disclosures  
Initial Disclosures - September 9, 2013

MEA-000016	Contention 1	Michael Catches Enemy [ostnrranrd@gwtc.net]	Martha Graham	wmesteth@olc.edu, Jhon Duane Goes in Center, Garvard Good Plume, Jr., Lance Rom, John Yellow Bird Steele, Michael Her Many Horses, Kathryn Converse, Joni Tobacco, Dennis Yellow Thunder, Richard White, Jr., Hannan LaGarry, Jennifer Baker, Brett Lee Shelton	2/8/2012	RE: RESEND - February 14-15 meeting, Crow Butte and Dewey- Burdock Proposed Projects
MEA-000017	Contention 1	Rick Thomas, SHPO Santee Sioux Nation	Haimanot Yilma, NRC		12/5/2011	Letter re consultation.pdf
MEA-000018	Contention 1	Arcadis			10/25/2011	Location of Projects Figure 1-1.pdf
MEA-000019	Contention 1	Martha Graham, SRI Foundation	Nathan Goodman, NRC	Josh Leftwich, Cameco, Lynne Sebastian, SRI Foundation	12/15/2011	Transmittal of Dec 9, 2011, tribal mailing.pdf
MEA-000020	Contention 1	Kade Ferris	Richard Blubaugh		11/5/2012	Methodology.htm
MEA-000021	Contention 1	Cameco				Marsland Cultural Resources Description
MEA-000022	Contention 1	John Schmuck	nickenspr@aol.com	"Goodman, Nathan" ; "Trefethen, Jean" ; mgraham@srifoundat ion.org	11/6/2012	FW: Discussion with Kade Ferris, KLJ
MEA-000023	Contention 1	Karen A. Steinauer			12/1/2011	Nebraska's Traditional Cultural Properties in the Section 106 Process

Crow Butte Resources, Inc.  
Marsland - Public Disclosures  
Initial Disclosures - September 9, 2013

MEA-000024	Contention 1	Rick Thomas, THPO Director, Santee Sioux Nation	Kevin Hsueh		11/5/2012	Rick Thomas ltr re Continuation of Section 106 Consultation.pdf
MEA-000025	Contention 1	Terry Clouthier	Kevin Hsueh		2/20/2013	Letter re NRC Letter dated Feb 8, 2013.pdf
MEA-000026	Contention 1	Cameco			4/27/2012	MarslandDisturbed Area.pdf
MEA-000027	Contention 1	Catherine Gidden, Ben Rhodd, and Randy Withrow			9/20/2011	Rethinking the National Register Criteria for Tribal Sites.doc
MEA-000028	Contention 1	Lynne Sebastian, SRI Foundation			2/9/2012	Proposed Agenda For Feb 14 and 15 meeting.docx
MEA-000029	Contention 1	Lynne Sebastian, SRI Foundation			8/3/2011	Sebastian CV.pdf
MEA-000030	Contention 1	Martha Graham, SRI Foundation			8/3/2011	Graham CV.pdf
MEA-000031	Contention 1	Arcadis			10/25/2011	Fig_1-1 Current License Bdry etc_Aerial_v2.pdf
MEA-000032	Contention 1	USNRC	THPO		1/3/2013	THPO Letter re Update of Section 106 Consultation.pdf
MEA-000033	Contention 1	Advisory Council on Historic Preservation			7/11/2012	Native American Traditional Cultural Landscapes and the Section 106 Review Process: Q&A.pdf
MEA-000034	Contention 1	Arcadis			7/30/2012	Figure 3 Marsland_MaxDisturbed.pdf
MEA-000035	Contention 1	"Graves, Adam"	John Schmuck		12/3/2010	Marsland Cultural Resources Survey Update
MEA-000036	Contention 1	Arcadis	Cameco		12/3/2010	Nov 2010 Progress Report
MEA-000037	Contention 1	"Graves, Adam" <adam.graves@arc adis-us.com>	John Schmuck <john_schmuck@c ameco.com>; "Cearley, Jack" <jack.cearley@arca dis-us.com>	"Graves, Natalie" <natalie.graves@arca dis-us.com>	4/5/2012	Marsland Expansion Addendum

Crow Butte Resources, Inc.  
Marsland - Public Disclosures  
Initial Disclosures - September 9, 2013

MEA-000038	Contention 1	Nebraska State Historical Society	Natalie Graves		3/27/2012	Concurrence
MEA-000039	Contention 1	Natalie Graves	Terry Steinacher	Cameco Resources, Nebraska Department of Environmental Quality, Nuclear Regulatory Commission, Nebraska State Historical Society	4/28/2011	Neb SHPO Concurrence
MEA-000040	Contention 1	"Graves, Adam"	John Schmuck		2/22/2011	Marsland Expansion
MEA-000041	Contention 1	"Graves, Adam"	John Schmuck		1/5/2011	Marsland Update
MEA-000042	Contention 1	John Schmuck	mgraham@srifoundation.org; Kenneth Vaughn ; Josh Leftwich		11/11/2011	Marsland
MEA-000043	Contention 1	Cameco			10/6/2011	Proposal from Cameco Resources and Powertech (USA), Inc. to the NRC
MEA-000044	Contention 1	Department of the Interior				Dept. of Interior - Policy on Consultation with Indian Tribes
MEA-000045	Contention 1	Linea Sundstrom			2/6/2006	SD_Boulder_Effigy_Report.pdf
MEA-000046	Contention 1	Arcadis			10/25/2011	Marsland - Land Use
MEA-000047	Contention 1	"Holle, Michael"	John Schmuck	"Cearley, Jack" <; "Chen, Jie" ; "Graves, Adam"	2/8/2012	RE: Crow Butte Cultural Descriptions
MEA-000048	Contention 1	Karen A. Steinauer			12/1/2011	Nebraska's Traditional Cultural Properties in the Section 106 Process
MEA-000049	Contention 1	SRI Foundation			8/29/2012	Summary of SRIF-Tribal Communications to 08-21-12
MEA-000050	Contention 2	John Schmuck	Bob Lewis	Jack Cearley	5/21/2013	RE: Marland monitor ring
MEA-000051	Contention 1	Martha Graham, SRI Foundation	manquoe@c-a-tribes.org		12/16/2011	SRI Foundation letter regarding the proposed Crow Butte project

Crow Butte Resources, Inc.  
Marsland - Public Disclosures  
Initial Disclosures - September 9, 2013

MEA-000052	Contention 1	Martha Graham, SRI Foundation	ghamilton@pncatri be-ne.org	garyr@poncatrib e-ne.org	12/16/2011	SRI Foundation letter regarding the proposed Crow Butte project; update on Dewey-Burdock project
MEA-000053	Contention 1	Martha Graham, SRI Foundation	Gloria Hamilton	Gary Robinette	12/19/2011	RE: SRI Foundation letter regarding the proposed Crow Butte project; update on Dewey-Burdock project

Crow Butte Resources, Inc.  
Marsland - Public Disclosures  
Initial Disclosures - September 9, 2013

ME A-000054	Contention 1	Martha Graham, SRI Foundation	'nsn.gov'; 'Donnarae.peterse n@cheyenneriversi ouxtribe-nsn.gov'; 'WandaWells@mid statesd.net'; 'daleoh@crowratio ns.net'; 'wjferrisiii@yaho o.com'; 'jb.weston@fsst.or g'; 'cultres@nemontel. net'; 'lowersioux@mnhs. org'; 'narapahothpo_200 9@ymail.com'; 'conrad.fisher@che yennenation.com'; 'ostnrrapro@gwtc. net'; 'ghamilton@poncat ribe-ne.org'; 'garyr@poncatrib e-ne.org'; 'rstthpo@yahoo.co m'; 'rstthpo@yahoo.co m';	inthewoods@lakotan etwork.com ; lsebastian@srifounda tion.org ; Richard Blubaugh ; Yilma, Haimanot ; John Schmuck ; Goodman, Nathan	1/10/2012	February 14-15, 201, Meeting on the Dewey-Burdock and Crow Butte Projects.pdf
ME A-000055	Contention 1	Rick Thomas, THPO Santee Sioux Nation	Haimanot Yilma, NRC		12/5/2011	Letter re consultation.pdf
ME A-000056	Contention 1	Cheyenne & Arapaho Tribes	Lynne Sebastian, SRI Foundation		2/15/2012	TCNS #/Project No.pdf

Crow Butte Resources, Inc.  
Marsland - Public Disclosures  
Initial Disclosures - September 9, 2013

MEA-000057	Contention 1	Pawnee Nation of Oklahoma	Martha Graham, SRI Foundation		1/5/2012	Re: Request for Section 106 Consultation
MEA-000058	Contention 1	John Schmuck	Richard Clement ; Martha Graham; Lynne Sebastian	Richard Blubaugh ; Larry Teahon	8/21/2012	RE: Summary of Tribal Communications
MEA-000059	Contention 1	Lynne			2/25/2012	Guidance for Developing SOWs
MEA-000060	Contention 2	Jack Cearley			4/10/2012	MEA Restoration Process
MEA-000061	Contention 2	Arcadis			6/26/2013	TR Figure 2_6-14 Earthquake Hazard Ranking in the US.pdf
MEA-000062	Contention 2	Arcadis			6/26/2013	TR Figure 2_6-15 Seismic Hazard Map for Nebraska.pdf
MEA-000063	Contention 2	Arcadis			6/26/2013	TR Figure 2_6-16 Seismicity of Nebraska 1973-2013.pdf
MEA-000064	Contention 2	Clayre Brown			6/26/2013	TR Figure 1_7-4 Marsland Expansion Area Mining and Restoration.pdf
MEA-000065	Contention 2	Arcadis			6/26/2013	TR Figure 2_6-10_Marsland Structure Contour Map - Top of Pierre Shale.pdf
MEA-000066	Contention 2	Arcadis			6/26/2013	TR Figure 2_6-12 Structural Features Map of the Crawford Basin.pdf
MEA-000067	Contention 2	Arcadis			6/26/2013	TR Figure 2_6-13 Regional Structure Contour Map Top of Pierre Shale.pdf
MEA-000068	Contention 2	Clayre Brown			6/26/2013	TR Figure 2_9-1 Remaining Marsland Preoperational_Preconstruction Monitoring Timeline.pdf
MEA-000069	Contention 2	Arcadis			6/26/2013	TR Figure 2_9-2 Location of Air Sampling Stations .pdf
MEA-000070	Contention 2	Arcadis			6/26/2013	TR Figure 2_9-3 Private Wells Located within Two Kilometers of the MEA.pdf
MEA-000071	Contention 2	Arcadis			6/26/2013	TR Figure 2_6-17 Soils.pdf

Crow Butte Resources, Inc.  
Marsland - Public Disclosures  
Initial Disclosures - September 9, 2013

MEA-000072	Contention 2	Arcadis			6/26/2013	TR Figure 2_7-6 Major Surface Features_n_Structures within AOR.PDF
MEA-000073	Contention 2	Arcadis			6/26/2013	TR Figure 3_2-1 Marsland Satellite Building Layout_11x17Landscape - Revised.pdf
MEA-000074	Contention 2	Arcadis			6/26/2013	TR Figure 3_2-2 Marsland Hydraulic Containment Analyses.pdf
MEA-000075	Contention 1	Arcadis			6/26/2013	TR Figure 6_1-1 Restoration Process Flow Diagram.pdf
MEA-000076	Contention 2	Arcadis			6/26/2013	TR Figure 3_1-5 WaterBalance.pdf
MEA-000077	Contention 2	Arcadis			6/26/2013	TR Figure 3_1-7 Disposal Water Balance.pdf
MEA-000078	Contention 2	Arcadis			6/26/2013	TR Figure 3_1-8_ WaterBalance.pdf
MEA-000079	Contention 2	Arcadis			5/8/2013	Appendix T - Marsland Conceptual Water Balance 05-08-13
MEA-000080	Contention 2				6/26/2013	Appendix A - Water User Survey Information Rev June 2013
MEA-000081	Contention 2	Arcadis			4/12/2012	Hydrologic and Erosion Study MEA.pdf
MEA-000082	Contention 2	Arcadis			5/1/2013	Hydrologic and Flood Study MEA.pdf
MEA-000084	Contention 2	Cameco			6/24/2010	Marsland Expansion Area Pump Test Plan
MEA-000085	Contention 2	Cameco			6/28/2010	Contractor Statement of Work
MEA-000086	Contention 2	Dave Moody	Jim Stokey ; Lee Snowwhite	Wade Beins ; Steve Boeselager ; Doug Pavlick ; Tobias Hewitt	12/10/2010	Marsland Pump test - November analysis By Worley Parsons.
MEA-000087	Contention 2	Worley Parsons - Robert Lewis, PG, Project Manager	Dave Moody		12/9/2010	Re: Marsland Pumping Test

Crow Butte Resources, Inc.  
Marsland - Public Disclosures  
Initial Disclosures - September 9, 2013

MEA-000088	Contention 2	Worley Parsons - Robert Lewis, PG, Project Manager	Dave Moody		12/9/2010	Step-Drawdown Pumping Test Specs
MEA-000089	Contention 2	Robert Lewis			12/9/2010	Graph 1 - Hydrograph of Water levels in CPW-1.xls
MEA-000090	Contention 2	Robert Lewis			11/20/2010	Distance Drawdown All Wells.pdf
MEA-000091	Contention 2	Robert Lewis			11/20/2010	Distance Drawdown Exclude M3
MEA-000092	Contention 2	Robert Lewis			11/20/2010	Time Drawdown M3
MEA-000093	Contention 2	Robert Lewis			11/20/2010	Time Drawdown M4
MEA-000094	Contention 2	Robert Lewis			11/20/2010	Time Drawdown M5
MEA-000095	Contention 2	Robert Lewis			11/20/2010	Time Drawdown M6
MEA-000096	Contention 2	Robert Lewis			11/20/2010	Time Drawdown M7
MEA-000097	Contention 2	Aqui-Ver, Inc.			7/8/2011	Marsland Hydrologic Testing Report - Test #8
MEA-000098	Contention 2	Dave Moody	"Lewis, Bob"	Lee Snowwhite ; Larry Teahon ; Jim Stokey	9/24/2010	RE: Marsland Pumping Test Plan
MEA-000099	Contention 2	Cameco			11/1/2010	Regulatory Contact Log
MEA-000100	Contention 2	Cameco			11/2/2010	Regulatory Contact Log
MEA-000101	Contention 2	Jessica Horwitz	Lawrence Reimann	John Schmuck; Bryan Soliz ; Lee Snowwhite	7/27/2011	Additional Core Report Information
MEA-000102	Contention 2	"Cearley, Jack"	Wade Beins	John Schmuck	4/22/2013	Additions to TR and ER Addressing Niobrara River Fault
MEA-000103	Contention 2	Cameco			4/4/2013	TR Figure 2_6-12 Structural Features Map of the Crawford Basin.pdf
MEA-000104	Contention 2	Jessica Horwitz	John Schmuck		8/1/2011	Arikaree
MEA-000105	Contention 2	Bob Lewis	Doug Pavlick ; John Schmuck	Wade Beins	5/30/2013	Final Report
MEA-000106	Contention 2	Aqui-Ver, Inc.	Cameco		5/30/2013	Hydraulic Containment Analysis for MEA
MEA-000107	Contention 2	Aqui-Ver, Inc.			5/30/2013	PRN_Kp_Elev_Contour-10ft.pdf
MEA-000108	Contention 2	Aqui-Ver, Inc.			5/30/2013	PRN_Kp_Elev_Contour- 10ft_DH.PDF
MEA-000109	Contention 2	Aqui-Ver, Inc.			5/30/2013	PRN_Kp_Elev_Contour-20ft.pdf

Crow Butte Resources, Inc.  
Marsland - Public Disclosures  
Initial Disclosures - September 9, 2013

MEA-000110	Contention 2	Aqui-Ver, Inc.			5/30/2013	PRN_Kp_Elev_Contour-20ft_DH.PDF
MEA-000111	Contention 2	Aqui-Ver, Inc.			5/30/2013	ER Figure 3_3-12 Structural Features Map of the Crawford Basin_04042013.pdf
MEA-000112	Contention 2	Geological Society of America; Robert M. Hunt, Jr.			6/12/1905	Volcanism and Fossil Biotas.pdf
MEA-000113	Contention 2	University of Nebraska Lincoln			2011	Generalized Geologic and Hydrostratigraphic Framework of Nebraska 2011, ver.2.pdf
MEA-000114	Contention 2	"Cearley, Jack"	John Schmuck		8/31/2011	FW: Marsland - Upper/Middle Chadron discussion
MEA-000115	Contention 2	NDEQ			6/12/2013	NDEQ-Marsland Class III-RAI
MEA-000116	Contention 2	NDEQ	Cameco		6/12/2013	NDEQ-Marsland Class III-RAI-Cover
MEA-000117	Contention 2	Worley Parsons - Robert Lewis, PG, Project Manager	David Moody		2/25/2011	Marsland Baseline Groundwater Elevation Information
MEA-000118	Contention 2	"Cearley, Jack"	John Schmuck		9/28/2011	FW: Marsland Well Completion Reports
MEA-000119	Contention 2	Cameco			5/27/2011	NDEQ Well Completion Report
MEA-000120	Contention 2	Cameco			5/27/2011	NDEQ Well Completion Report
MEA-000121	Contention 2	Cameco			5/27/2011	NDEQ Well Completion Report
MEA-000122	Contention 2	Cameco			5/27/2011	NDEQ Well Completion Report
MEA-000123	Contention 2	Cameco			9/28/2011	NDEQ Well Completion Report
MEA-000124	Contention 2	Cameco			9/28/2011	NDEQ Well Completion Report
MEA-000125	Contention 2	Cameco			5/27/2011	NDEQ Well Completion Report
MEA-000126	Contention 2	Cameco			5/27/2011	NDEQ Well Completion Report
MEA-000127	Contention 2	Cameco			5/27/2011	NDEQ Well Completion Report
MEA-000128	Contention 2	Cameco			5/27/2011	NDEQ Well Completion Report
MEA-000129	Contention 2	Cameco			5/27/2011	NDEQ Well Completion Report
MEA-000130	Contention 2	Jessica Horwitz	Bryan Soliz ; Wade Beins	John Schmuck	5/18/2011	Harrison
MEA-000131	Contention 2	Doug Pavlick	"Bob (blewis@aquiver.com)"	John Schmuck	5/14/2013	Marsland

Crow Butte Resources, Inc.  
Marsland - Public Disclosures  
Initial Disclosures - September 9, 2013

MEA-000132	Contention 2	Arcadis			5/3/2013	Hydrologic and Flood Study MEA
MEA-000133	Contention 2	Arcadis			5/15/2013	TR Figure 2_6-13 Regional Structure Contour Map – Top of Pierre Shale.pdf
MEA-000134	Contention 2	Arcadis			6/4/2013	TR Figure 3_2-2 Marsland Hydraulic Containment Analyses.pdf
MEA-000135	Contention 2	Cameco	NDEQ		3/21/2011	RE: Crow Butte Resources, Inc. Pumping Test Plan Request for Changes
MEA-000136	Contention 1	Arcadis	Nebraska State Historical Society Historic Preservation Office		4/28/2013	Marsland Expansion Area Uranium Project, Cultural Resource Inventory
MEA-000137	Contention 1	Nebraska State Historical Society	Natalie Graves, Arcadis		3/27/2012	Concurrence
MEA-000138	Contention 2	"Cearley, Jack"	Wade Beins	John Schmuck	4/23/2013	RE: Additions to TR and ER Addressing Niobrara River Fault
MEA-000139	Contention 2	John Schmuck	Jessica Horwitz		8/1/2011	RE: Arikaree
MEA-000140	Contention 2	"Adams, Jason"	Wade Beins ; "Cearley, Jack"; Bryan Soliz ; John Schmuck	James Covington	5/13/2013	RE: Follow-up - Discussions of Niobrara River Fault
MEA-000141	Contention 2	John Schmuck	"Cearley, Jack"		8/31/2011	RE: Marsland - Upper/Middle Chadron discussion
MEA-000142	Contention 2	Lawrence Reimann	John Schmuck ; Lee Snowwhite	Josh Leftwich	7/18/2011	RE: Marsland update
MEA-000143	Contention 2	Cameco			5/7/2012	C-34_1.pdf
MEA-000144	Contention 2	Cameco			5/7/2012	M-1573_2.pdf
MEA-000145	Contention 2	Bryan Soliz	John Schmuck ; Jessica Horwitz	Wade Beins	9/1/2011	RE: Upper/Middle Chadron

Crow Butte Resources, Inc.  
Marsland - Public Disclosures  
Initial Disclosures - September 9, 2013

MEA-000146	Contention 2	"Spurlin, Matt"	Wade Beins	"Adams, Jason" ; "Cearley, Jack" ; John Schmuck ; Jessica Horwitz	8/16/2011	Marsland - questions pertaining to AEP
MEA-000147	Contention 2	"Spurlin, Matt"	Jessica Horwitz ; Bryan Soliz	Wade Beins ; "Cearley, Jack" ; "Adams, Jason"	8/31/2011	Marsland - Upper/Middle Chadron discussion
MEA-000148	Contention 2	Cameco	NDEQ		3/21/2011	RE: Crow Butte Resources, Inc. Pumping Test Plan Request for Changes
MEA-000149	Contention 2	Cameco			6/28/2011	Chadron Formation - Pre- Operational Quarterly Sampling Locations.pdf
MEA-000150	Contention 2	Dave Moody	Jim Stokey; Lee Snowwhite	Wade Beins ; Steve Boeselager; Doug Pavlick; Tobias Hewitt	12/10/2010	Marsland Pump test - November analysis By Worley Parsons.
MEA-000151	Contention 2	Arcadis			4/2/2013	Marsland_isopach.pdf
MEA-000152	Contention 2	Arcadis			4/2/2013	Marsland_Kp_Elev.pdf
MEA-000153	Contention 2	Arcadis			4/2/2013	Drill Holes around Marsland Project Area
MEA-000154	Contention 2	Arcadis			4/2/2013	Cross Section A - Niobrara_River_Fault_Invest
MEA-000155	Contention 2	Doug Pavlick	Bob Lewis		5/23/2013	RE: Draft Marsland
MEA-000156	Contention 2	Arcadis			5/23/2013	Drill Holes within 3 Miles of Niobrara_River
MEA-000157	Contention 2	Dave Moody	Tobias Hewitt	Lee Snowwhite; Jim Stokey; Doug Pavlick; Steve Boeselager ; Wade Beins	11/22/2010	FW: Preliminary Pump Test Analysis
MEA-000158	Contention 2	Robert Lewis			11/20/2010	Distance Drawdown All Wells
MEA-000159	Contention 2	Robert Lewis			11/20/2010	Distance Drawdown Exclude M3
MEA-000160	Contention 2	Robert Lewis			11/20/2010	Time Drawdown M3
MEA-000161	Contention 2	Robert Lewis			11/20/2010	Time Drawdown M4
MEA-000162	Contention 2	Robert Lewis			11/20/2010	Time Drawdown M5

Crow Butte Resources, Inc.  
Marsland - Public Disclosures  
Initial Disclosures - September 9, 2013

MEA-000163	Contention 2	Robert Lewis			11/20/2010	Time Drawdown M6
MEA-000164	Contention 2	Robert Lewis			11/20/2010	Time Drawdown M7
MEA-000165	Contention 2	Dave Moody	Lee Snowwhite	Jim Stokey; Lewis, Bob ; Wade Bein ; Doug Pavlick	9/1/2010	FW: Update of Marsland Pump Test Plan and Issues
MEA-000166	Contention 2	NDEQ			5/31/2013	NDEQ-Marsland AQEX-RAI
MEA-000167	Contention 2	NDEQ	Cameco		5/31/2013	NDEQ-Marsland AQEX-RAI Cover
MEA-000168	Contention 2	NDEQ	Cameco		3/25/2011	2011-03-25 CBO NDEQ Marsland Expansion Area Pumping Test Plan
MEA-000169	Contention 2	Cameco			11/8/2011	Marsland Class III UIC Application Draft 11.04.2011
MEA-000170	Contention 2	Cameco			4/1/2011	Regulatory Contact Log
MEA-000171	Contention 2	Cameco	NDEQ		3/21/2011	RE: Crow Butte Resources, Inc. Pumping Test Plan Request for Changes
MEA-000208	Contention 2	Arcadis			6/26/2013	TR Figure 2_9-5 WL_BasalChadronSandstone.pdf
MEA-000221	Contention 2	Arcadis				TR Figure 2_7-4 MEA Surface Water and Sediment Sampling Locations.pdf

Crow Butte Resources, Inc.  
 Marsland Proprietary Disclosures  
 Initial Disclosures - September 9, 2013

BEGPROD	Contention	AUTHOR	TO	OTHER RECIPIENTS	DATE	SUBJECT	BASIS
MEA-00010	Contention 1	NRC	Mr. Wilmer Mesteth		6/26/2012; 4/24/2012	NRC Transmittal Letter and Transcript of Teleconference.pdf	Category D
MEA-000172	Contention 1	Arcadis	Cameco		10/28/2010	Proposal for the MEA Uranium Project - Cultural Resource Inventory Report	Category C
MEA-000173	Contention 1	Cameco			11/10/2010	Arcadis Service Agreement - Cultural Resource	Category C
MEA-000174	Contention 1	Arcadis			3/7/2012	Crow Butte figures.pdf	Category D
MEA-000175	Contention 1	Arcadis			3/7/2012	Crow Butte Cultural Resources	Category D
MEA-000176	Contention 1	NRC			7/2/2012	Transcript	Category D
MEA-000177	Contention 1	Arcadis	Cameco		2/8/2012	Marsland Cultural Resource Locations	Category D
MEA-000178	Contention 1; Contention 2	Arcadis	Cameco		4/25/2011	Marsland Proposal Statement of Work	Category C
MEA-000179	Contention 1	Santee Sioux Nation THPO	Cameco		11/5/2012	Proposed Budget - THPOs	Category C
MEA-000180	Contention 1	Cameco			8/9/2011	SRI Master Services Agreement	Category C
MEA-000181	Contention 1	Cameco			8/9/2011	SRI SOW B-1	Category C
MEA-000182	Contention 1	Cameco			11/18/2010	Nebraska State Historical Society Archaeological Site Survey Form	Category D
MEA-000183	Contention 1	Cameco			12/5/2010	Nebraska State Historical Society Archaeological Site Survey Form	Category D
MEA-000184	Contention 1	Arcadis			6/4/2012	Marsland Expansion Cultural Inventory Revised page 139.pdf	Category D
MEA-000185	Contention 1	Arcadis			6/4/2012	Marsland Expansion Cultural Inventory Revised page 25.pdf	Category D
MEA-000186	Contention 1	Arcadis			6/4/2012	Marsland Expansion Cultural Inventory Revised page 29.pdf	Category D
MEA-000187	Contention 1	Arcadis			6/4/2012	Marsland Expansion Cultural Inventory Revised page 34.pdf	Category D
MEA-000188	Contention 1	Arcadis			6/4/2012	Marsland Expansion Cultural Inventory Revised page 51.pdf	Category D
MEA-000189	Contention 1	Arcadis			6/4/2012	Marsland Expansion Cultural Inventory Revised page 66.pdf	Category D
MEA-000190	Contention 1	Arcadis			6/4/2012	Marsland Expansion Cultural Inventory Revised page 69.pdf	Category D
MEA-000191	Contention 1	Arcadis			6/4/2012	Marsland Expansion Cultural Inventory Revised page 72.pdf	Category D

Crow Butte Resources, Inc.  
Marsland Proprietary Disclosures  
Initial Disclosures - September 9, 2013

MEA-000192	Contention 1	Arcadis			6/4/2012	Marsland Expansion Cultural Inventory Revised page 76.pdf	Category D
MEA-000193	Contention 1	Arcadis			6/4/2012	Marsland Expansion Cultural Inventory Revised page 85.pdf	Category D
MEA-000194	Contention 1	Arcadis			6/4/2012	Marsland Expansion Cultural Inventory Revised page 93.pdf	Category D
MEA-000195	Contention 1	Arcadis			6/4/2012	Marsland Expansion Cultural Inventory Revised page 96.pdf	Category D
MEA-000196	Contention 1	Arcadis			6/4/2012	Marsland Expansion Cultural Inventory Revised page 99.pdf	Category D
MEA-000197	Contention 1	Arcadis			6/4/2012	Marsland Expansion Cultural Inventory Revised page 105.pdf	Category D
MEA-000198	Contention 1	Arcadis			6/4/2012	Marsland Expansion Cultural Inventory Revised page 109.pdf	Category D
MEA-000199	Contention 1	Arcadis			6/4/2012	Marsland Expansion Cultural Inventory Revised page 119.pdf	Category D
MEA-000200	Contention 1	Arcadis			6/4/2012	Marsland Expansion Cultural Inventory Revised page 135.pdf	Category D
MEA-000201	Contention 1	Arcadis			3/5/2012	Project map addition	Category D
MEA-000202	Contention 2	Jack De Klerk, Ilya Anisimov, Gerhard Heinrich, Ed Lam	Michael Murchie and John Krause		6/16/2011	Project Progress Summary for the Week of June 13 to 17, 2011 Evaluation of Drill Core Samples from ISR Operations	Category A, Category B
MEA-000203	Contention 2	Gerhard Heinrich, Jack De Klerk, Ilya Anisimov, Ed Lam	Michael Murchie and John Krause		6/30/2011	Monthly Project Progress Summary for June 2011 Evaluation of Drill Core Samples from ISR Operations	Category A, Category B
MEA-000204	Contention 2	Gerhard Heinrich, Jack De Klerk, Ilya Anisimov, Ed Lam	Michael Murchie and John Krause		6/23/2011	Project Progress Summary for the Week of June 20 to 24, 2011 Evaluation of Drill Core Samples from ISR Operations	Category A, Category B
MEA-000205	Contention 2	Gerhard Heinrich, Jack De Klerk, Ilya Anisimov, Ed Lam	Michael Murchie and John Krause		6/23/2011	Project Progress Summary for the Week of June 20 to 24, 2011 Evaluation of Drill Core Samples from ISR Operations	Category A, Category B
MEA-000206	Contention 2	Gerhard Heinrich, Ilya Anisimov	Angelo Fernando, Ed Lam, Gerhard Heinrich		7/1/2011	Weekly Progress Report for the Week of June 27 - July 01, 2011 Evaluation of Drill Cores from ISR	Category A, Category B
MEA-000207	Contention 2	Gerhard Heinrich, Ilya Anisimov	Angelo Fernando, Ed Lam, Gerhard Heinrich		7/7/2011	Weekly Progress Report for the Week of July 04 - July 08, 2011 Evaluation of Drill Cores from ISR	Category A, Category B

Crow Butte Resources, Inc.  
Marsland Proprietary Disclosures  
Initial Disclosures - September 9, 2013

MEA-000209	Contention 2	TIPS Coordinator			6/11/2013	Appendix P - Primary Assumptions for Surety Cost Estimates_ Revised 06.11.2013.pdf	Category A, Category B
MEA-000210	Contention 2	Inter-Mountain Labs; Cameco			4/26/2013	Appendix J - New GW Lab_QC Reports_Part1.pdf	Category A
MEA-000211	Contention 2	Inter-Mountain Labs; Cameco			1/25/2013	Appendix J - New GW Lab_QC Reports_Part2.pdf	Category A
MEA-000212	Contention 2	Arcadis	Cameco		7/16/2010	Marsland Expansion Area Pump Test #8 Work Scope and Cost Estimate.pdf	Category C
MEA-000213	Contention 2	Cameco	Worley Parsons		7/22/2010	Marsland Work Order.pdf	Category C
MEA-000214	Contention 2	PTS Laboratories, Inc.	Cameco		6/7/2011	PTS Marsland.pdf	Category A, Category B
MEA-000215	Contention 2	Jack De Klerk, Ilya Anisimov, Gerhard Heinrich, Ed Lam	Michael Murchie and John Krause		6/16/2011	Project Progress Summary for the Week of June 13 to 17, 2011 Evaluation of Drill Core Samples from ISR Opertions.pdf	Category A, Category B
MEA-000216	Contention 2	Gerhard Heinrich, Jack De Klerk, Ilya Anisimov, Ed Lam	Engin Ozberk, Michael Murchie, John Krause		6/30/2011	Monthly Progress Summary for June 2011 Evaluation of Drill Core Samples from ISR Operations	Category A, Category B
MEA-000217	Contention 2	Gerhard Heinrich, Jack De Klerk, Ilya Anisimov, Ed Lam	Michael Murchie and John Krause		6/23/2011	Project Progress Summary for the Week of June 20 to 24, 2011 Evaluation of Drill Core Samples from ISR Operations	Category A, Category B
MEA-000218	Contention 2	Gerhard Heinrich, Jack De Klerk, Ilya Anisimov, Ed Lam	Michael Murchie and John Krause		6/23/2011	Project Progress Summary for the Week of June 20 to 24, 2011 Evaluation of Drill Core Samples from ISR Operations	Category A, Category B
MEA-000219	Contention 2	Gerhard Heinrich, Ilya Anisimov	Angelo Fernando, Ed Lam, Gerhard Heinrich		7/1/2011	Weekly Progress Report for the Week of June 27 - July 01, 2011 Evaluation of Drill Cores from ISR	Category A, Category B
MEA-000220	Contention 2	Gerhard Heinrich, Ilya Anisimov	Angelo Fernando, Ed Lam, Gerhard Heinrich		7/7/2011	Weekly Progress Report for the Week of July 04 - July 08, 2011 Evaluation of Drill Cores from ISR	Category A, Category B
MEA-000222	Contention 2	Gerhard Heinrich, Ilya Anisimov	Angelo Fernando, Ed Lam, Gerhard Heinrich		7/1/2011	Weekly Progress Report for the Week of June 27 - July 01, 2011 Evaluation of Drill Cores from ISR	Category A, Category B
MEA-000223	Contention 2	Gerhard Heinrich, Jack De Klerk, Ilya Anisimov, Ed Lam	Engin Ozberk, Michael Murchie, John Krause		6/30/2011	Monthly Progress Summary for June 2011 Evaluation of Drill Core Samples from ISR Operations	Category A, Category B

Crow Butte Resources, Inc.  
 Marsland Proprietary Disclosures  
 Initial Disclosures - September 9, 2013

MEA-000224	Contention 2	Jack De Klerk, Ilya Anisimov, Gerhard Heinrich, Ed Lam	Michael Murchie, Simon Reid		8/31/2011	Project Progress Summary for the Month of July to August, 2011 Evaluation of Drill Core Samples from ISR Operations	Category A, Category B
MEA-000225	Contention 2	Matthew Bowman	Larry Reimann & Mike Brost		4/4/2011	RE: 2011 Marsland Core Project	Category A, Category B
MEA-000226	Contention 2	Wade Beins			3/00/2011	Marsland Core Data	Category A
MEA-000227	Contention 2	Wade Beins				Marsland Development Hole Data	Category A
MEA-000228	Contention 2	Cameco				PTS Data	Category A, Category B
MEA-000229	Contention 2	"Adams, Jason"	Wade Beins	"Spurlin, Matt" ; Jessica Horwitz	8/18/2011	RE: Analysis Results for Marsland Core; PTS File No.: 41269	Category A, Category B
MEA-000230	Contention 2	Matthew Bowman	Larry Reimann & Mike Brost		4/4/2011	RE: 2011 Marsland Core Project	Category A, Category B
MEA-000231	Contention 2	Gerhard Heinrich, Ilya Anisimov	Angelo Fernando, Ed Lam, Gerhard Heinrich		7/7/2011	Weekly Progress Report for the Week of July 04-July 08, 2011 Evaluation of Drill Cores from ISR	Category A, Category B
MEA-000232	Contention 2	Gerhard Heinrich, Ilya Anisimov	Angelo Fernando, Ed Lam, Gerhard Heinrich		7/7/2011	Weekly Progress Report for the Week of July 04-July 08, 2011 Evaluation of Drill Cores from ISR	Category A, Category B
MEA-000233	Contention 2	Gerhard Heinrich, Jack De Klerk, Ilya Anisimov, Ed Lam	Michael Murchie and John Krause		6/23/2011	Project Progress Summary for the Week of June 20 to 24, 2011 Evaluation of Drill Core Samples from ISR Operations	Category A, Category B
MEA-000234	Contention 2	Gerhard Heinrich, Ilya Anisimov	Angelo Fernando, Ed Lam, Gerhard Heinrich		7/1/2011	Weekly Progress Report for the Week of June 27 - July 01, 2011 Evaluation of Drill Cores from ISR	Category A, Category B
MEA-000235	Contention 2	Gerhard Heinrich, Jack De Klerk, Ilya Anisimov, Ed Lam	Engin Ozberk, Michael Murchie, John Krause		6/30/2011	Monthly Progress Summary for June 2011 Evaluation of Drill Core Samples from ISR Operations	Category A, Category B
MEA-000236	Contention 2	Jack De Klerk, Ilya Anisimov, Gerhard Heinrich, Ed Lam	Michael Murchie, Simon Reid		8/4/2011	Weekly Progress Report for the Week of August 02 - August 05, 2011 Evaluation of Drill Cores from ISR	Category A, Category B
MEA-000237	Contention 2	PTS Laboratories, Inc.	Arcadis		4/3/2008	Appendix 3 Mineralogical and Particles Size Distribution Analyses	Category A, Category B
MEA-000238	Contention 2	Cameco			4/1/2013	M363-M596_Niobrara_final.pdf	Category A
MEA-000239	Contention 2	Wade Beins	"Adams, Jason" ; John Schmuck ; Bryan Soliz ; James Covington	"Cearley, Jack"	5/9/2013	RE: Follow-up - Discussions of Niobrara River Fault	Category A

Crow Butte Resources, Inc.  
 Marsland Proprietary Disclosures  
 Initial Disclosures - September 9, 2013

MEA-000240	Contention 2	Cameco			6/16/2011	Particle Size Revision.xlsx	Category A, Category B
MEA-000241	Contention 2	Cameco			6/16/2011	eLPESA_41269R1.XLS	Category A, Category B
MEA-000242	Contention 2	Mineralogy, Inc.			6/6/2011	Test Report.pdf	Category A, Category B
MEA-000243	Contention 2	Energy Laboratories, Inc.	Cameco		6/10/2011	Invoice	Category C
MEA-000244	Contention 2	PTS Laboratories, Inc.			4/26/2011	Chain of Custody Record	Category A
MEA-000245	Contention 2	Jack De Klerk, Ilya Anisimov, Gerhard Heinrich, Ed Lam	Michael Murchie and John Krause		6/16/2011	Project Progress Summary for the Week of June 13 to 17, 2011 Evaluation of Drill Core Samples from ISR Operations.pdf	Category A

**BASES FOR PROPRIETARY DESIGNATION**

**Category A:** *Data/interpretations – The document includes information that is commercially sensitive and that has been held in confidence by Crow Butte. This information contains a process or method, including supporting data and analyses, that has been developed using significant expenditures of Crow Butte resources. The information reveals aspects of privately funded development plans or programs of commercial value to Crow Butte. The information, if used by a competitor, could reduce its expenditure of resources or improve its competitive position in the production of similar a product or service as Crow Butte.*

**Category B:** *Confidential internal calculations and evaluations – The document includes information that is commercially sensitive and that has been held in confidence by Crow Butte. This information contains a process or method, including supporting data and analyses. If consultants and/or other businesses providing services in the electric/nuclear power industry were able to publicly obtain the information, they would be able to use it commercially for profit and avoid spending the large amount of money that Crow Butte was required to spend in preparation of the information in the design, manufacture, installation, assurance of quality, or licensing of a similar product.*

**Category C:** *Cost data – The document includes information that is commercially sensitive and that has been held in confidence by Crow Butte. The information reveals cost/price information of Crow Butte and/or its suppliers. The information consists of commercial information and cost data that has commercial value and provides a competitive advantage to Cameco. Use of the information by a competitor would permit the competitor to significantly reduce its expenditures, in time or resources, to develop similar information. Use of the information by a vendor would give the vendor a competitive advantage in marketing its services to Crow Butte and its competitors.*

**Category D:** *Archeological Information – The document includes information that is protected from disclosure by laws governing historical or archeological information, such as the location of cultural resources and artifacts.*