

APPLICATION FOR LISTING A MINE METHANE CAPTURE OFFSET PROJECT

OPR Staff Use Only	Date Application Received:	OPR Tracking Number:	Date Application Reviewed:	OPR Staff Use Only
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PART I. ENTITY APPLYING FOR LISTING

Is this form being submitted by the Offset Project Operator (OPO) or by the Authorized Project Designee (APD)?

Notes:

- The person completing this form should be an OPO/APD employee.
- If the APD is submitting this form, the OPO should submit the form Designation of Authorized Project Designee simultaneously.

☒ **OPO**
☐ **APD**

Name of Person Completing Form: Mike Ludlow	Organizational Affiliation, if applicable: Hubbard Creek Coal Gas, LLC		
Date Form Completed: 11 March 2020	Phone Number: 970-929-5494	Email Address: Mike.Ludlow@Oxbow.com	

PART II. OFFSET PROJECT INFORMATION

Offset Project Name: Hubbard Creek Coal Gas Incineration Project			
Mine Methane Capture Activity Type(s):			
<input type="checkbox"/> Active Underground Mine Ventilation Air Methane	<input type="checkbox"/> Active Surface Mine Methane Drainage		
<input type="checkbox"/> Active Underground Mine Methane Drainage	<input checked="" type="checkbox"/> Abandoned Underground Mine Methane Recovery		
Offset Project Commencement Date: 08/12/2019	First Reporting Period Start Date: 08/12/2019	First Reporting Period End Date: 3/31/2020	
Specify the action(s) that identify the offset project commencement date: Commenced incineration of mine gas			
Is the project transitioning to the Compliance Offset Protocol Mine Methane Capture Projects after previously being listed as an early action offset project?			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

PART III. OPO/APD INFORMATION

Part III.A OPO

OPO Name: Hubbard Creek Coal Gas, LLC	Organizational Affiliation, if applicable:	OPO's CITSS ID#: CA3013	
Mailing Address: P.O. Box 535	City: Somerset	State: CO	Zip: 81434
Physical Address (if different): 3737 HWY 133	City: Somerset	State: CO	Zip: 81434
Contact Person: Mike Ludlow	Phone Number: 970-929-5494	Email Address: Mike.Ludlow@Oxbow.com	

Part III.B APD (if applicable)

☒ **No APD/Not Applicable**

APD Name:	Organizational Affiliation, if applicable:	APD's CITSS ID#: CA _ _ _ _	
Mailing Address:	City:	State:	Zip:
Physical Address (if different):	City:	State:	Zip:
Contact Person:	Phone Number:	Email Address:	

**Submit the information in this form to
 the appropriate Offset Project Registry**

PART IV. OFFSET PROJECT LOCATION***Street Address of Mine Site (if available):**

n/a

***City:**

Somerset

***State:**

CO

***Zip:**

81434

***Latitude of Mine Site:**

38.932731

***Longitude of Mine Site:**

-107.549060

Mine Basin:

Piceance Basin 595

***Does the project occur on private, public, or a combination of private and public lands?**

- ☒ Private
☐ Public
☐ Private and Public

***Does the offset project occur on any of the following categories of land?** (check all that apply)

- ☐ Land that is owned by, or subject to, an ownership of possessory interest of a Tribe
☐ Land that is "Indian lands" of a Tribe as defined by 25 U.S.C. §81(a)(1)
☐ Land that is owned by any person, entity, or Tribe, within the external borders of such Indian lands
☒ None of the above

*If "none of the above," skip to Part V. Otherwise, proceed to the questions below.****Does a limited waiver of sovereign immunity between ARB and the governing body of the Tribe exist?**

- ☐ Yes
☒ No

Describe how the land within the Project Area is owned:*PART V. MINE INFORMATION*****Mine Safety and Health
Administration (MSHA)
Identification Number:**

0504591

***MSHA Classifications**

- ☒ Coal
☐ Metal
☐ Nonmetal

- ☒ Underground
☐ Surface

- ☐ Active
☒ Abandoned

***Mining Method Employed (e.g., longwall, room and pillar, or open pit):**

Longwall and Room and Pillar

***Average Annual Mineral Production (specify mineral produced and unit):**

2,873,584 tons coal per year

***Year of Initial Production:**

2001

***Year of closure (estimate if mine is not yet closed):**

2016

Name of state and/or federal agency(ies) responsible for issuing mine leases and/or permits:

Colorado Department of Health and Environment, Air Pollution Control Division
Colorado Division of Reclamation, Mining and Safety
Mine Safety and Health Administration
Bureau of Land Management

Permits obtained, or to be obtained, to build and operate the project:

CDPHE Construction Permit
Colorado Oil and Gas Conservation Commission
Delta County, Colorado

Describe the mine and resource ownership and operation structures:

Bowie Resources holds surface and minerals rights and contractually assigns both to Hubbard Creek Coal Gas, LLC.

PART VI. OTHERS INVOLVED IN PROJECT

*Mine Owner:	Name: Bowie Resources LLC					
	Mailing Address: 4365 Bowie Road		City: Paonia	State: CO	Zip: 81428	
*Parent Company:	Name (if different from Mine Owner): Wolverine Fuels, LLC					
	Mailing Address: 9815 South Monroe Street, Suite 203		City: Sandy	State: UT	Zip: 84070	
*Mine Operator:	Name (if different from Mine Owner):					
	Mailing Address:		City:	State:	Zip:	
*Surface Owner:	Name (if different from Mine Owner):					
*Mine Methane Owner:	Name (if different from Mine Owner):					
	Mailing Address:		City:	State:	Zip:	
*Methane Destruction System Owner:	Name (if different from mine owner, OPO, or APD): Same as OPO					
	Mailing Address:		City:	State:	Zip:	
Other Parties with a Material Interest:	1.	Name:				
		Contact Person:	Phone Number:	Email Address:		
	2.	Name:				
		Contact Person:	Phone Number:	Email Address:		
Technical Consultants:	1.	Name: Ben Apple			Organizational Affiliation, if applicable: Environmental Commodities Corporation	
		Phone Number: 303-525-5680		Email Address: Ben.Apple@envcomcorp.com		
		Mailing Address: 1123 Spruce Street, Suite 210		City: Boulder	State: CO	Zip: 80302
		Physical Address (if different):		City:	State:	Zip:
	2.	Name: Lumari Pardo-Rodriguez			Organizational Affiliation, if applicable: Environmental Commodities Corporation	
		Phone Number: 805-452-7077		Email Address: Lumari.Pardo@envcomcorp.com		
		Mailing Address: 1123 Spruce Street, Suite 210		City: Boulder	State: CO	Zip: 80302
		Physical Address (if different):		City:	State:	Zip:

Submit the information in this form to
the appropriate Offset Project Registry

PART VII. GHG EMISSIONS

Describe any mine methane destruction occurring at the mine prior to the offset project commencement date:
No mine methane destruction occurred at the mine prior to the offset project commencement date.

Provide a qualitative characterization and quantitative estimate of the baseline emissions at the mine including an explanation of how the quantitative estimate was reached:

Baseline emissions are a result of mine methane naturally emitting from the mine. There was no destruction of mine methane in the baseline.

Describe the project activities that will lead to GHG emission reductions:

Incineration of mine methane with an enclosed flare.

Is this offset project being implemented and conducted as the result of any law, statute, regulation, court order, or other legally binding mandate? If yes, explain below:

☐ Yes
☒ No

*Have any GHG reductions associated with the offset project ever been registered with or claimed by another registry or program, or sold to a third party prior to our listing? If yes, identify the registry or program, vintage(s) of credits issued, reporting period(s), and verification bodies below:

☐ Yes
☒ No

*Registry/Program:

*Reporting Period(s):

*Vintage(s):

*Credits Issued:

*Verification Bodies that have performed verification services:
none

PART VIII. ATTACHMENTS

On an attached separate sheet(s) of paper provide:

Attachment A: *Documentation showing the Offset Project Operator's legal authority to implement the offset project.

Attachment B: *Bird's-eye view map of the mine site that includes the items specified in MMC Protocol section 7.1(b)(34).

Attachment C: *Diagram of the project site that includes the items specified in section 7.1(b)(35) or 7.1(b)(36), according to activity.

Attachment D: *If the project is located on one of the categories of Tribal land listed in Part IV, provide documentation demonstrating that the land within the Project Area is owned by (or subject to an ownership or possessory interest of) a tribe or private entity. Also provide documentation that demonstrates the existence of a limited waiver of sovereign immunity between ARB and the governing body of the Tribe entered into pursuant to section 95975(l) of the Cap-and-Trade Regulation.

PART IX. ATTESTATIONS AND OPO SIGNATURE

I certify under penalty of perjury under the laws of the State of California the GHG reductions and/or GHG removal enhancements for

Project Name:

Hubbard Creek Coal Gas Incineration Project

from

Crediting Period

Start Date:

8/12/2019

to

Crediting Period

End Date:

3/31/2029

MWL
Initial
will be measured in accordance with the Compliance Offset Protocol Mine Methane Capture Projects and all information required to be submitted to ARB is true, accurate, and complete.

MWL
Initial
I understand I am voluntarily participating in the California Greenhouse Gas Cap-and-Trade Program under title 17, article 5, and by doing so, I am now subject to all regulatory requirements and enforcement mechanisms of this program and subject myself to the jurisdiction of California as the exclusive venue to resolve any and all disputes arising from the enforcement of provisions in this article.

MWL
Initial
I understand that the offset project activity and implementation of the offset project must be in accordance with all applicable local, regional, and national environmental and health and safety laws and regulations that apply to the offset project location. I understand that offset projects are not eligible to receive ARB or registry offset credits for GHG reductions and GHG removal enhancements that are not in compliance with the requirements of the Cap-and-Trade Program.

In signing this form, I certify under penalty of perjury of the laws of California that the information contained in this form is true, accurate, and complete. I further certify that I am an Account Representative of the Offset Project Operator (OPO).

SIGNATURE:

PRINTED NAME: MIKE LUDLOW

TITLE: PRESIDENT

DATE:

11 MARCH 2020